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THE ENVIRONMENTAL PROTECTION DEPARTMENT
ENVIRONMENTAL MONITORING SECTION

THE SAVANNAH RIVER SITE'S GROUNDWATER MONITORING PROGRAM

FIRST QUARTER 1991 (U)

Environmental Protection Department
Westinghouse Savannah River Company
Aiken, SC

and

Exploration Resources, Inc.
Athens, GA

Publication Date: October 18, 1991

MASTER

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1. EXECUTIVE SUMMARY

The Environmental Protection Department/ Environmental Monitoring Section (EPD/EMS) administers the Savannah River Site's (SRS) Groundwater Monitoring Program. During first quarter 1991 (January through March), EPD/ EMS conducted routine sampling of monitoring wells and drinking water locations.

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 first quarter 1991, the flagging criteria are now based on EPA drinking water standards and contract detection limits. A detailed explanation of the current flagging criteria is presented in the **Flagging Criteria** section of this document.

All analytical results from first quarter 1991 are listed in this report, which is distributed to all site custodians. One or more analytes exceeded Flag 2 in 90 monitoring well series. Analytes exceeded Flag 2 for the first time since 1984 in 38 monitoring well series.

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

Table 1. Analytes Above Flag 2 Criteria

Site	Well Series	Analytes Above Flag 2 Criteria First Quarter 1991
100 AREAS		
C Area		
C-Area Burning/Rubble Pit	CRP	Calcium, chloroethene (vinyl chloride), chromium, **1,1-dichloroethylene**, pH, specific conductance, tetrachloroethylene, total organic halogens, trichloroethylene, tritium
C-Area Reactor Seepage Basins	CSB	Calcium, chromium, copper, 1,2-dichloroethane, dichloromethane (methylene chloride), iron, lead, pH, tetrachloroethylene, trichloroethylene, tritium

Note: Analytes in **bold** were above 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 First Quarter 1991
100 AREAS (cont.)		
K Area		
K-Area Acid/Caustic Basin	KAC	Iron, lead, manganese, sodium, specific conductance, sulfate, total dissolved solids, turbidity
K-Area Ash Basin	KAB	Calcium, iron, magnesium, manganese, potassium, specific conductance, total radium
K-Area Burning/Rubble Pit	KRP	Iron, manganese, tetrachloroethylene, trichloroethylene
K-Area Coal Pile Runoff Containment Basin	KCB	Calcium, gross alpha, magnesium, manganese, potassium, total radium
K-Area Diesel Tank	KDT	Manganese, tritium
K-Area Disassembly Basin	KDB	Calcium, manganese, tetrachloroethylene, total radium, trichloroethylene, tritium
K-Area Reactor Seepage Basin	KSB	**Nonvolatile beta**, trichloroethylene, tritium
K-Area Sludge Land Application Site	KSS	Manganese, **selenium**
L Area		
L-Area Acid/Caustic Basin	LAC	Iron, sodium, tetrachloroethylene, trichloroethylene
L-Area Burning/Rubble Pit	LRP	Lead
L-Area Disassembly Basin	LDB	Lead, tetrachloroethylene
L-Area Oil and Chemical Basin	LCO	Iron, manganese, sodium, specific conductance, tetrachloroethylene, trichloroethylene, tritium
L-Area Reactor Seepage Basin	LSB	Tritium
P Area		
P-Area Acid/Caustic Basin	PAC	Calcium, iron, magnesium, manganese, sodium, specific conductance, turbidity

Note: Analytes in **bold** were above 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 First Quarter 1991
100 AREAS (cont.)		
P Area (cont.)		
P-Area Burning/Rubble Pit	PRP	1,1-Dichloroethane, 1,1-dichloroethylene, dichloromethane (methylene chloride), manganese, tetrachloroethylene, total organic halogens, 1,1,1-trichloroethane, trichloroethylene, tritium
P-Area Coal Pile Runoff Containment Basin	PCB	Gross alpha, iron, manganese, sulfate, total organic halogens, specific conductance, total radium
P-Area Disassembly Basin	PDB	Lead, tritium
P-Area Reactor Seepage Basins	PSB	Lead, nitrate as nitrogen, tritium
R Area		
R-Area Burning/Rubble Pits	RRP	Iron, **silica**, **total organic halogens**
R-Area Disassembly Basin	RDB	**Calcium**, iron, manganese, tritium
Series A, R-Area Reactor Seepage Basins	RSA	Cadmium, **total radium**
Series D, Between R-Area Reactor Seepage Basins and R-Area Disassembly Basin	RSD	**Cadmium**, nonvolatile beta
Series E, R-Area Reactor Seepage Basins	RSE	Cadmium, nonvolatile beta, tritium
200 AREAS		
F Area		
Burma Road Rubble Pit	BRR	Iron, manganese, tritium
F-Area Acid/Caustic Basin	FAC	Calcium, gross alpha, iron, manganese, total radium, turbidity
F-Area A Line	FAL	Dichloromethane (methylene chloride), lead, manganese, trichloroethylene
F Area and H Area	ZW	Tritium
F-Area Burning/Rubble Pits	FBP	Nonvolatile beta, tetrachloroethylene, trichloroethylene

Note: Analytes in **bold** were above 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 First Quarter 1991
200 AREAS (cont.)		
F Area (cont.)		
F-Area Canyon Building	FCA	Calcium, gross alpha, potassium, total organic halogens, total phosphates, trichloroethylene, **trichlorofluoromethane**, tritium
F-Area Coal Pile Runoff Containment Basin	FCB	Gross alpha, iron, manganese, **nonvolatile beta**, total radium
F-Area Effluent Treatment Cooling Water Basin	FET	**Gross alpha**
F-Area Microbiology Wells	P	Americium-241, benzene, **calcium**, iron, pH, **potassium**, radium-226, specific conductance, **thorium-232**, total organic halogens, **uranium-238**
F-Area Seepage Basins	F	Tritium
F-Area Sludge Land Application Site	FSS	Manganese, tritium
F-Area Seepage Basins	FSB	Aluminum, americium-241, antimony, barium, benzene, cadmium, calcium, cobalt, **cyanide**, gross alpha, iron, lead, magnesium, manganese, mercury, nickel, nitrate as nitrogen, nonvolatile beta, pH, potassium, radium-226, radium-228, silica, sodium, specific conductance, strontium-89, strontium-90, tetrachloroethylene, thorium-232, total dissolved solids, total organic halogens, total phosphates, total radium, total silica, trichloroethylene, tritium, uranium-234, uranium-235, uranium-238
F-Area Tank Farm	FTF	Gross alpha, nonvolatile beta, pH, specific conductance, total radium, tritium
Old F-Area Seepage Basin	FNB	Dichloromethane (methylene chloride), gross alpha, manganese, nitrate as nitrogen, nonvolatile beta, total radium, trichloroethylene, tritium
Wells Between the F-Area Canyon Building and the Naval Fuel Material Facility	NBG	**Dichloromethane (methylene chloride)**, iron, lead, manganese, nonvolatile beta, sodium, specific conductance, tetrachloroethylene, total dissolved solids, total radium, trichloroethylene, tritium

Note: Analytes in **bold** were above 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 First Quarter 1991
200 AREAS (cont.)		
H Area		
H-Area Acid/Caustic Basin	HAC	Sodium, **sulfate**, tritium
H-Area Auxiliary Pump Pit	HAP	Calcium, **oil & grease**
H-Area Canyon Building	HCA	**Dichloromethane (methylene chloride)**, lead, tetrachloroethylene, **thorium-232**, trichloroethylene, tritium, **uranium-238**
H-Area Coal Pile Runoff Containment Basin	HCB	Calcium, iron, magnesium, manganese, specific conductance, sulfate, total dissolved solids, total radium, tritium
H-Area Effluent Treatment Cooling Water Basin	HET	Iron, tritium
Hazardous Waste/Mixed Waste Disposal Facility	HMD	**Manganese**
H-Area Retention Basin	HR8	Tritium
H-Area Seepage Basins	H	Tritium
H-Area Seepage Basins	HSB	Alkalinity, aluminum, americium-241, arsenic, benzene, cadmium, calcium, cobalt, cobalt-60, gross alpha, iron, lead, manganese, mercury, nickel, nitrate as nitrogen, nonvolatile beta, pH, potassium, radium-226, radium-228, sodium, specific conductance, strontium-89, strontium-90, tetrachloroethylene, total dissolved solids, total phosphates, total radium, total silica, **1,1,1-trichloroethane**, trichloroethylene, tritium, vanadium
H-Area Tank Farm	HTF	Cadmium, gross alpha, lead, mercury, nonvolatile beta, total radium, tritium
Old H-Area Retention Basin	HR3	Tritium
S Area		
S-Area Defense Waste Processing Facility Background Wells	SBG	Trichloroethylene, tritium
S-Area Vitrification Building	SCA	**Calcium**, **magnesium**, manganese, **pH**, **potassium**, specific conductance, **tritium**

Note: Analytes in **bold** were above 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 First Quarter 1991
200 AREAS (cont.)		
Y Area		
Y-Area Waste Solidification and Disposal Facility	YSC	Calcium, pH, **specific conductance**
Z Area		
Z-Area Low Point Drain Tank	ZDT	Tritium
300/700 AREAS		
A-Area Burning/Rubble Pits	ARP	Tetrachloroethylene, total organic halogens, trichloroethylene
A-Area Coal Pile Runoff Containment Basin	ACB	Gross alpha, magnesium, manganese, total radium
A-Area Metals Burning Pit	ABP	Antimony, calcium, lithium, pH, potassium, specific conductance, tetrachloroethylene, trichloroethylene
M-Area Hazardous Waste Management Facility (HWMF) and Plume Definition Wells	MSB	Aluminum, benzene, calcium, carbon tetrachloride, cadmium, 1,1-dichloroethylene, dichloromethane (methylene chloride), gross alpha, iron, lead, manganese, mercury, nitrate as nitrogen, nonvolatile beta, pH, **phenols**, potassium, silica, sodium, specific conductance, tetrachloroethylene, total dissolved solids, total organic carbon, total organic halogens, total phosphates, total radium, trans-1,2-dichloroethene, 1,1,2-trichloroethane, trichloroethylene, tritium, **uranium-234**, zinc
M-Area Recovery Wells (also used for plume definition)	RWM	1,1-Dichloroethylene, nitrate as nitrogen, tetrachloroethylene, total organic halogens, total radium, **1,1,2-trichloroethane**, trichloroethylene
Metallurgical Laboratory Seepage Basin	AMB	Iron, manganese, tetrachloroethylene, total organic halogens, total radium, trichloroethylene

Note: Analytes in **bold** were above 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 First Quarter 1991
300/700 AREAS (cont.)		
Miscellaneous Chemical Basin	MCB	Calcium, carbon tetrachloride, **dichloromethane (methylene chloride)**, lithium, manganese, nonvolatile beta, pH, potassium, specific conductance, tetrachloroethylene, total dissolved solids, total organic halogens, total radium, trichloroethylene
Motor Shop Oil Basin	AOB	**Calcium, manganese**, tetrachloroethylene, total organic halogens, trichloroethylene
Savannah River Laboratory (SRL) Seepage Basins	ASB	Americium-241, manganese, mercury, pH, radium-226, specific conductance, tetrachloroethylene, **thorium-232**, total organic halogens, trichloroethylene, tritium, **uranium-238**
Silverton Road Waste Site	SRW	Carbon tetrachloride, 1,2-dichloroethane, dichloromethane (methylene chloride), iron, lead, tetrachloroethylene, trichloroethylene
400 AREA		
D Area		
D-Area Burning/Rubble Pits	DBP	Iron, magnesium, manganese, **total dissolved solids**
D-Area Coal Pile Runoff Containment Basin and Ash Basins	DCB	Cadmium, calcium, chromium, gross alpha, iron, magnesium, manganese, nonvolatile beta, pH, potassium, silica, specific conductance, sulfate, tetrachloroethylene, total dissolved solids, total phosphates, total radium, trichloroethylene, tritium, zinc
D-Area Oil Disposal Basin	DOB	Magnesium, total organic carbon, trichloroethylene
600 AREAS		
Burial Grounds (E Area)		
Burial Grounds	BG	Alkalinity, iron, lead, manganese, **mercury**, **nitrite as nitrogen**, potassium, **radium-226**, **thorium-232**, total inorganic carbon, total organic carbon, **total radium**, tritium, **uranium-238**

Note: Analytes in **bold** were above 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 First Quarter 1991
600 AREAS (cont.)		
Burial Grounds (cont.)		
Burial Grounds Perimeter Wells	BGO	Aluminum, benzene, calcium, carbon tetrachloride, 1,1-dichloroethane, trans-1,2-dichloroethene, 1,1-dichloroethylene, endrin, iron, manganese, nitrate as nitrogen, pH, potassium, radium-226, specific conductance, tetrachloroethylene, total dissolved solids, total organic halogens, total phosphates (as P), total radium, trichloroethylene, tritium, turbidity
Series C, Monitoring Grid Wells for Burial Grounds	MGC	Gross alpha, nonvolatile beta, tritium
Series E, Monitoring Grid Wells for Burial Grounds	MGE	Tritium
Series G, Monitoring Grid Wells for Burial Grounds	MGG	Tritium
Central Shops Area		
Central Shops Burning/Rubble Pit south of the Ford Building Seepage Basin	CBR	Dichloromethane (methylene chloride), **mercury**, **tritium**
Central Shops Burning/Rubble Pits	CSR	Iron
Central Shops Diesel Spill Characterization and Remediation Wells	CSD	Calcium, iron, **nitrite as nitrogen**, pH, silica, total phosphates, trichloroethylene
Fire Department Training Facility	CSO	**Total organic halogens**
Ford Building Seepage Basin	HXB	**Tritium**
General Areas		
Chemicals, Metals, and Pesticides (CMP) Pits	CMP	Calcium, 1,2-dichloroethane, dichloromethane (methylene chloride), manganese, pH, tetrachloroethylene, total phosphates, trichloroethylene
Interim Waste Technology Site Characterization Wells, Site B	IDB	Alkalinity, aluminum, antimony, calcium, iron, pH, potassium, **radium-226**, specific conductance, **thorium-232**, **uranium-238**

Note: Analytes in **bold** were above 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 First Quarter 1991
600 AREAS (cont.)		
General Areas (cont.)		
Interim Waste Technology Site Characterization Wells, Site P	IDP	Alkalinity, aluminum, iron, pH, potassium, **thorium-232**, **uranium-238**
Interim Waste Technology Site Characterization Wells, Site Q	IDQ	Alkalinity, aluminum, iron, manganese, pH, **radium-226**, **thorium-232**, total carbon, total inorganic carbon, **uranium-238**
Par Pond Sludge Land Application Site	PSS	**Total organic halogens**
Road A Chemical Basin (Baxley Road)	BRD	**Tetrachloroethylene**, **trichloroethylene**
Sanitary Landfill	LFW	Benzene, **chloroethene (vinyl chloride)**, 1,4-dichlorobenzene, 1,1-dichloroethane, 1,2-dichloroethane, 1,1-dichloroethylene, dichloromethane (methylene chloride), **fluoride**, iron, magnesium, manganese, **phenols**, specific conductance, tetrachloroethylene, total organic carbon, total organic halogens, total radium, trans-1,2-dichloroethene, trichlorofluoromethane, trichloroethylene, tritium
Sewage Sludge Application Sites	SSS	Iron, manganese, total radium, total phosphates
TNX		
New TNX Seepage Basin	YSB	Iron
Old TNX Seepage Basin	XSB	Iron, tetrachloroethylene
TNX-Area Assessment Wells	TNX	**Americium-241**, carbon tetrachloride, **cis-1,3-dichloropropene**, **endrin**, iron, manganese, radium-226, tetrachloroethylene, **thorium-232**, total organic halogens, total phosphates, trichloroethylene, **uranium-238**
TNX-Area Background Wells	P	Iron
TNX Burying Ground	TBG	Carbon tetrachloride, iron, manganese, mercury, nitrate as nitrogen, tetrachloroethylene, total organic halogens, total radium, trichloroethylene

Note: Analytes in **bold** were above 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 first 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 rationale, 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 this 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 first quarter 1991. The **Corrections** section lists omissions and corrections to previous quarterly reports.

The next four sections address the sampling and assessment of groundwater quality at SRS. The **Sample Scheduling** section discusses the preparation of the sampling schedule and the criteria for analyte selection, including flagging criteria.

INTRODUCTION

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

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

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

The **Flagging Criteria** section lists flagging criteria for analytes and provides short descriptions of how the criteria were derived. The **Analytical Results** section includes tables listing all 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 **Water-Level Data** section includes field data obtained for a special project on concurrent water elevations in the A/M Areas; these data are used by site custodians in hydrogeologic interpretation.

The **Site Index by Well Series** assists the reader in finding the site names. A glossary of abbreviations and acronyms used in this report can be found in the **Glossary** section. References cited in this and previous quarterly reports are listed in the **References** section.

FOR FURTHER INFORMATION

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

Quarterly Reports

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

Report	Document Number
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)

Time Plots

Time Versus Concentration Plots of Select Parameters from the Groundwater Monitoring Program provides graphical representations of groundwater data from each monitoring well series. The latest version of this document is HPR-88-058, July 1984 – June 1987.

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

Geoscience Implementation Plan and *Geohydrology Program Report* describe projects relating to the geohydrology program at SRS and their current status and administration.

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

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

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

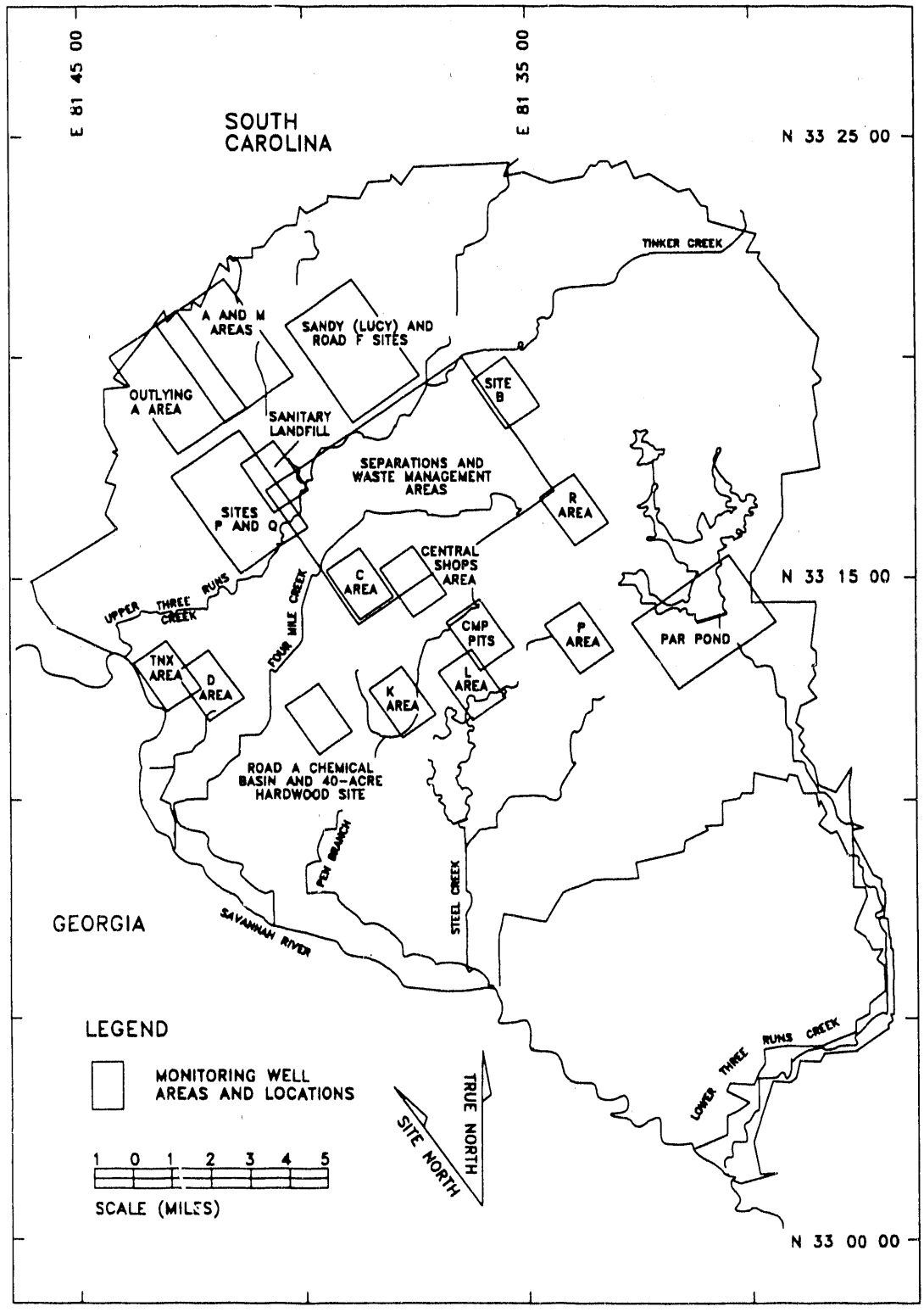


Figure 1. Areas and Locations Monitored for Groundwater Quality at the Savannah River Site

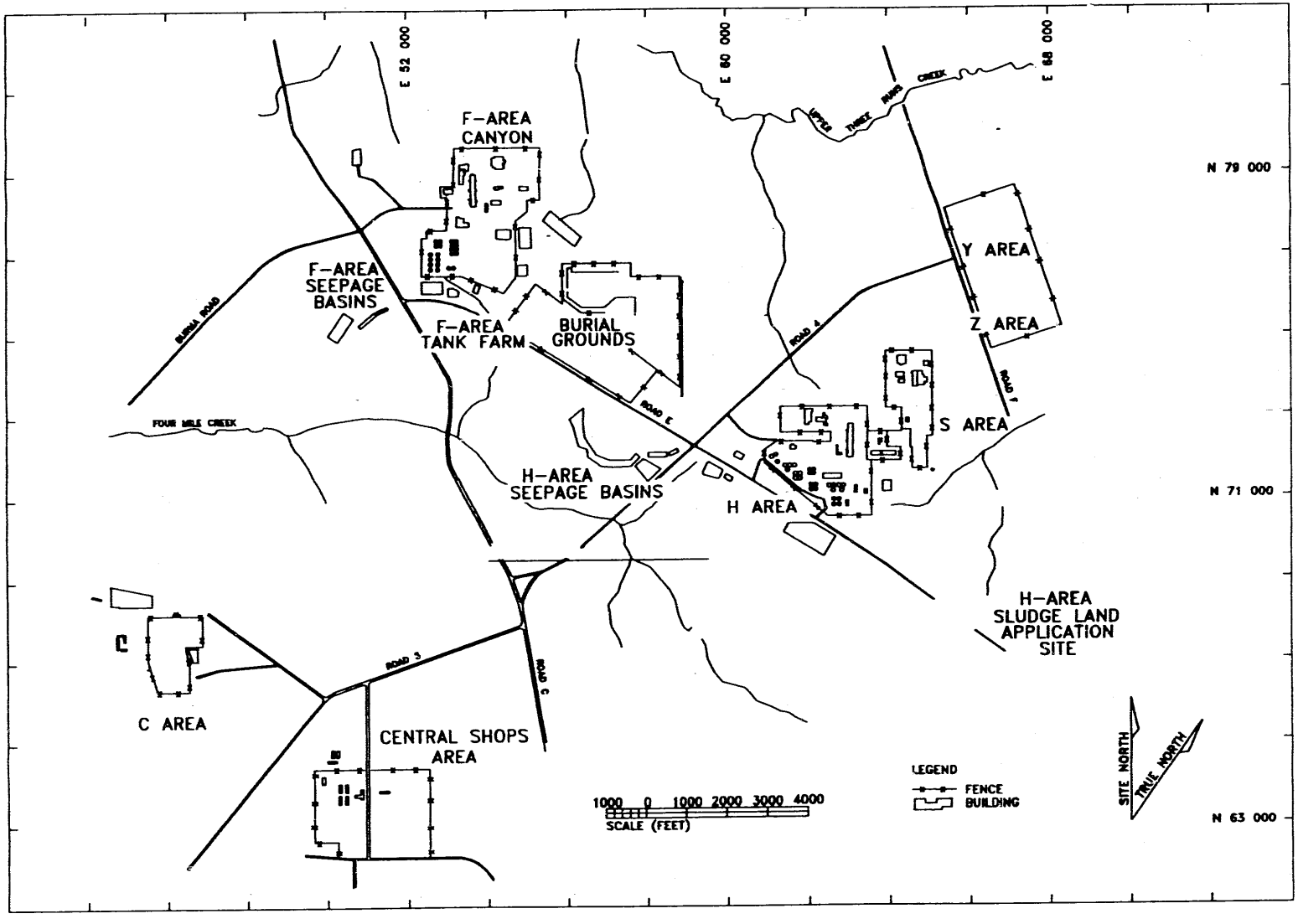


Figure 2. Separations and Waste Management Areas Monitored for Groundwater Quality

NOTES

3. CORRECTIONS

In previous quarterly reports, all analyses of alkalinity should have been reported as $CaCO_3$.

The term *phenols* previously has been used incorrectly to refer to the specific Appendix IX and Priority Pollutants constituent phenol, as well as correctly for the class of compounds analyzed as part of comprehensive analyses. Beginning this quarter, phenol and phenols are reported separately.

Results for benzo[*b*]fluoranthene have sometimes been reported as benzo bifluoranthene due to metaTRACE's use of an incorrect test code.

CORRECTIONS TO THE THIRD QUARTER 1990 REPORT (ESH-EMS-900133)

The units for alkalinity reported in the field data of the **Analytical Results** section were erroneously reported as meq/L, but should have been reported as mg/L.

CORRECTIONS TO THE FOURTH QUARTER 1990 REPORT (ESH-EMS-900134)

The units for alkalinity reported in the field data of the **Analytical Results** section were erroneously reported as meq/L, but should have been reported as mg/L.

Due to a printer problem, the letter S was replaced by T, and the letter T was omitted, on pp. 191, 194, 197, 205, and 206 of the **Analytical Results** section.

NOTES

4. SAMPLE SCHEDULING

The SRS groundwater monitoring program conducted by EPD/EMS is scheduled according to comprehensive analyses, flagging criteria, indicator parameters, regulatory requirements, and special requests. This information is used to generate *The Savannah River Site's Groundwater Monitoring Program 1991 Sampling Schedule*. The scope of this program showing the breakdown of analyses by laboratories for first quarter 1991 is demonstrated in Figure 3.

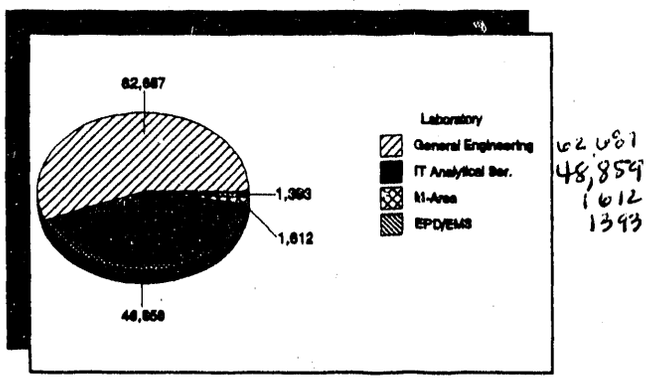


Figure 3. The Number of Analyses Performed During First Quarter 1991

COMPREHENSIVE ANALYSES

All new wells are automatically scheduled for 4 quarters of comprehensive analyses (arsenic, barium, cadmium, calcium, chloride, chromium, fluoride, gross alpha, iron, lead, magnesium, manganese, mercury, nitrate as nitrogen, non-volatile beta, pH, phenols, potassium, selenium, silica, silver, sodium, specific conductance, sulfate, total dissolved solids, total organic carbon, total organic halogens, total phosphates [as P], total radium, and tritium) when they are first sampled as part of the groundwater monitoring program. Herbicide/pesticide analyses are only scheduled during the first quarter of sampling in conjunction with comprehensives.

Comprehensive analyses and herbicide/pesticide analyses are scheduled every 2 years after the initial 4 quarters for each well series. Wells that are exclusively sampled for radionuclide analyses are not included in these biennial comprehensive analyses.

FLAGGING CRITERIA

Wells are grouped for scheduling by the site monitored or investigation for which they are being used. If any well in a scheduling group has an analyte detected above a flagging level, the entire well group is assigned a flagging value for that analyte. The flagging values are 0, 1, or 2. Analytes detected at Flag 0 do not trigger scheduling. Analytes detected at or above Flag 1 are scheduled to be analyzed once a year (first quarter), and those detected at or above Flag 2 are scheduled to be analyzed twice a year (first and third quarters). Criteria for Flag 1 and Flag 2 designations are listed in the **Flagging Criteria** section of this report.

Certain wells in the A/M Areas are sampled by special request for GC VOA by the M-Area Laboratory as part of the groundwater monitoring program. If any of these wells yield an analyte equal to or exceeding Flag 2, GC VOA analysis is scheduled for an off-site laboratory for verification.

Flags are cleared from the schedule using the following rules. If an analyte from a well is scheduled as Flag 2 and yields three subsequent results that do not equal or exceed Flag 2, then the flag for that analyte in that well is reduced to Flag 1. Similarly, if an analyte from a well is scheduled with Flag 1 and yields three subsequent results less than Flag 1, then the flag for that analyte is removed from the schedule.

SAMPLE SCHEDULING

INDICATOR PARAMETERS

When any one of the six constituents of the herbicide/pesticide suite (2,4-dichlorophenoxy-acetic acid, endrin, lindane, methoxychlor, toxaphene, and silvex) is flagged, the entire suite is flagged for analyses according to the conventional flagging scheme. The GC VOA and GCMS VOA suites follow the same rule as the herbicide/pesticide suite; if one compound is flagged, the whole suite of GC VOA or GCMS VOA analytes is flagged.

The GC VOA suite is encompassed in the GCMS VOA suite, and analyses are scheduled in an effort to avoid duplication of the GC VOA analyses and unnecessary analysis of GCMS VOA compounds. For example, if only GC VOA compounds are equal to or exceed Flag 1, GC VOA is scheduled for Flag 1 analysis. Likewise, if only GC VOA compounds exceed Flag 2, GC VOA is scheduled for Flag 2 analysis. If GC VOA compounds exceed Flag 2 and the other GCMS VOA compounds exceed Flag 1 only, GCMS VOA analysis is scheduled for 1 quarter and GC VOA analysis is scheduled for a different quarter. This allows the GC VOA compounds to be analyzed twice, fulfilling the Flag 2 requirement.

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

REGULATORY REQUIREMENTS

All regulatory requirements such as RCRA requirements are scheduled by special request.

SPECIAL REQUESTS

Many other analyses are scheduled because of special request from various SRS groups. The person or group requesting the analyses must submit a sampling request form to EPD/EMS. If the request is within the scope of the groundwater program and is included in the current laboratory contract, the analyses will be added to the sampling schedule.

5. SAMPLE COLLECTION

Sample collection was 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 first quarter 1991 section of the EPD/EMS Groundwater Monitoring Library. Field measurements were taken for alkalinity, pH, temperature, specific conductance, air temperature, depth to the water prior to pumping, and volume of water pumped prior to sampling.

All sample collections were routine during the first quarter of 1991, except as indicated in Table 2. The samplers' observations about the water sample, well condition, and any special method of collecting are noted in the table. All wells were pumped, except for the wells from the following series, which were bailed: F, FAC, the FCA series except FCA 19D, FTF, H, HTF, MGA, MGC, MGE, MGG, RSA, RSB, RSC, RSD, RSE, SSS, and the ZW series. The following individual wells were also bailed, although the other wells in the series were pumped: BG 52, BG 67, BG 121, BG 125, CSD 1D, K 301P, MSB 13C, MSB 15C, MSB 17C, MSB 44C, SCA 3A, Z 9, ZBG 1A, and SCA 4A.

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

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

Table 2. Comments From the Field Data

Well	Date	Comments
ABP Series		
ABP 1A	01/26/91	Small amount of sand
	03/19/91	No water in standpipe
ABP 2A	01/26/91	Small amount of sand
ABP 3	01/26/91	Small amount of sand
ABP 3C	01/26/91	Small amount of sand
ABP 8C	01/26/91	Dry after 2 gal
	01/27/91	Turbidity varied; brown
ABP 8D	01/26/91	Pump runs, but no water was purged
AC Series		
AC 1B	01/06/91	No water in standpipe
	03/18/91	No water in standpipe
AC 2B	01/06/91	No water in standpipe
	03/19/91	No water in standpipe
ACB Series		
ACB 4A	01/21/91	Flowmeter stopped while pumping, needs replacing
AMB Series		
AMB 4	01/19/91	Dry after 2.9 gal
AMB 6	01/20/91	Weakly turbid; light brown
AMB 7	01/19/91	Dry after 5.5 gal
	01/20/91	Turbid; brown
AMB 10D	01/20/91	Weakly turbid; light brown
AMB 10DD	01/20/91	Odor
AMB 11D	01/20/91	Very weakly turbid; light brown
AMB 12D	01/19/91	Very weakly turbid
	01/20/91	Light brown
AOB Series		
AOB 3	01/19/91	Dry after 7.1 gal
	01/20/91	Turbid; light brown

Table 2. Comments From the Field Data (cont.)

Well	Date	Comments
ARP Series		
ARP 1A	01/22/91	No water in standpipe; small amount of fine sand
	03/19/91	No water in standpipe
ARP 2	01/22/91	Aerated
ARP 3	01/22/91	Leaks from sample valve; aerated; fine sand
ARP 4	01/22/91	Small amount of fine sand; no water in standpipe
	03/19/91	No water in standpipe
ASB Series		
ASB 3A	02/11/91	Light brown; weakly turbid
ASB 3C	02/12/91	Light brown; turbid
ASB 6A	02/11/91	Flowmeter not working, estimated volume purged
ASB 6C	02/12/91	Well installation incomplete; unable to sample
	03/18/91	No well identification sign
ASB 6TA	02/12/91	Well installation incomplete; unable to sample
	03/18/91	No well identification sign; pump would not start
	03/20/91	No well identification sign; dry after 34 gal
ASB 9B	01/23/91	Flowmeter not working, estimated volume purged
BG Series		
BG 91	02/07/91	Dry after 11 gal
BG 92	02/07/91	Dry after ~13 gal
BG 94	02/07/91	Very light brown; turbid; surges
BG 95	02/07/91	Light brown; turbid
BG 96	02/07/91	Light brown; weakly turbid
BG 101	02/07/91	Flowmeter not working, estimated volume purged
BG 103	02/07/91	No access
BG 104	02/07/91	Dry after ~6.5 gal
	02/08/91	No water in standpipe; aerated
BG 107	02/08/91	Light brown; turbid
BG 110	02/07/91	Dry after ~29 gal
BG 121	02/08/91	Dry after ~4.3 gal; brown; turbid
BG 122	02/08/91	Light brown; turbid

Well	Date	Comments
BGO Series		
BGO 1D	01/17/91	Dry after ~4 gal
	01/18/91	Light brown; turbid
BGO 3D	01/31/91	No access
BGO 4D	01/31/91	No access
BGO 5C	01/31/91	No access
BGO 5D	01/31/91	No access
BGO 6D	02/27/91	Dry after ~5.4 gal
BGO 7D	01/31/91	Unable to sample due to well renovation
BGO 8A	01/31/91	Unable to sample due to well renovation
BGO 8C	01/31/91	Unable to sample due to well renovation
BGO 8D	01/31/91	Unable to sample due to well renovation
BGO 10C	01/31/91	Dry after ~37 gal; brown; turbid
BGO 12A	01/31/91	Dry after ~27 gal
BGO 12C	01/31/91	Unable to sample due to well renovation
BGO 12D	01/31/91	Dry after ~6.5 gal
	02/01/91	Light brown; turbid
BGO 13D	01/31/91	Dry after ~4,450 mL
BGO 14A	01/31/91	Dry after ~18 gal
BGO 14D	01/31/91	No water in standpipe; dry after ~2,000 mL
	02/01/91	Well did not pump water
BGO 16A	03/07/91	Dry after ~20 gal
BGO 16D	03/07/91	Pump would not start
BGO 17D	03/07/91	Road over well; unable to sample
BGO 19D	03/07/91	Buried by dirt; unable to sample
BGO 20D	03/08/91	Dry after ~6.5 gal
BGO 21D	03/07/91	Dry after ~6 gal; brown; turbid
BGO 24D	03/07/91	Pump would not start; unable to sample
BGO 25A	02/04/91	Dry after ~19 gal
BGO 26A	02/04/91	Dry after ~35 gal
	02/05/91	Flowmeter stopped working after ~25 gal, estimated volume purged
BGO 26D	02/04/91	Dry after ~6.5 gal
BGO 27D	02/04/91	Dry after ~10 gal
	02/05/91	Turbid; brown; aerated
BGO 28D	02/04/91	Dry after ~6.7 gal
	02/05/91	Brown; turbid
BGO 29A	02/04/91	Dry after ~42 gal
	02/05/91	Flowmeter on backwards

Table 2. Comments From the Field Data (cont.)

Well	Date	Comments
BGO 30C	02/04/91	Dry after ~20.5 gal
	02/05/91	Brown; turbid; aerated
BGO 30D	02/05/91	Dry after ~10 gal; brown; turbid
BGO 31C	02/04/91	Dry after ~28 gal
BGO 31D	02/04/91	Dry after ~7.3 gal
	02/05/91	Aerated; light brown; turbid
BGO 32D	02/04/91	Dry after ~5 gal
	02/05/91	Brown; turbid
BGO 33D	02/06/91	Dry after ~8.5 gal
	02/07/91	Very light brown; turbid; aerated
BGO 34D	02/04/91	Dry after ~11 gal
BGO 35D	02/04/91	Dry after ~8 gal
	02/05/91	Light brown; turbid
BGO 36D	02/04/91	Dry after ~6.5 gal
	02/05/91	Brown; turbid; aerated
BGO 37D	02/06/91	Dry after ~5 gal
	02/07/91	Light brown; turbid
BGO 38D	01/17/91	Dry after ~6 gal
	01/18/91	Light brown; turbid
BGO 39D	01/17/91	Dry after ~4 gal
	01/18/91	Light brown; turbid
BRR Series		
BRR 1D	03/04/91	Dry after 8.0 gal
BRR 2D	03/04/91	Dry after 9.0 gal
BRR 3D	03/04/91	Dry after 13.0 gal
BRR 4D	03/04/91	Dry after 6.5 gal
BRR 5D	03/04/91	Dry after 3.5 gal
	03/05/91	No water in standpipe
CBR Series		
CBR 1D	02/14/91	No water in standpipe
CCB Series		
CCB 2	02/14/91	Turbid; light pink
CDB Series		
CDB 1	03/21/91	Very weakly turbid; light brown; dry after 9 gal; leaks at T-joint
CDB 2	03/21/91	Very weakly turbid; light brown; dry after 6 gal
CMP Series		
CMP 10	02/27/91	Flowmeter on backwards
CMP 11	02/26/91	Dry after 18 gal
CMP 12	02/27/91	Dry after 12.5 gal
CMP 13	02/27/91	Dry after 6.0 gal
	02/28/91	Light tan; turbid
CMP 15B	02/27/91	Dry after 22 gal
CMP 15C	02/27/91	Dry after 9 gal
CMP 16B	02/28/91	1-in. tee and sample port leak badly
CRP Series		
CRP 2	01/31/91	Leaks at elbow
CRP 3	01/30/91	Dry after ~9 gal; leaks and sprays
CSA Series		
CSA 1	01/29/91	Very light brown; weakly turbid; surges
CSB Series		
CSB 1A	02/18/91	Dry after 3.0 gal
CSB 2A	02/18/91	Dry after 4.5 gal
CSB 3A	02/18/91	Dry after 5.5 gal
CSB 5A	02/19/91	Dry after 4.0 gal
CSD Series		
CSD 1D	02/13/91	No well identification sign; dry after 10 gal; no pump
CSD 2D	02/13/91	No well identification sign
CSD 4D	02/13/91	Dry after 33 gal
CSD 8D	02/13/91	No well identification sign
CSD 9D	02/13/91	No well identification sign
CSD 10D	02/13/91	No well identification sign
CSD 11D	02/13/91	No well identification sign; dry after 6.0 gal
CSD 12D	02/13/91	No well identification sign
CSD 13D	02/13/91	No well identification sign; 6 in. well
CSR Series		
CSR 2	02/15/91	Dry after 39 gal
CSR 3	02/15/91	Dry after 29 gal
DBP Series		
DBP 4	02/21/91	Standing water on two sides of well pad

Table 2. Comments From the Field Data (cont.)

Well	Date	Comments
DCB Series		
DCB 6	02/22/91	No well identification sign
DCB 7	02/22/91	No well identification sign; sample nipple broken off; hose missing from flowmeter
DCB 8	02/25/91	No well identification sign
DCB 11	02/25/91	Dry after 28.5 gal
DCB 12	02/25/91	No well identification sign
DCB 13	02/25/91	Dry after 15.0 gal
DCB 14	02/25/91	Abandoned
FAC Series		
FAC 3	02/19/91	Dry after 1.75 gal; no pump
FAC 5	02/19/91	Dry after 9 gal; no pump
FAC 6	02/19/91	Dry after 4.75 gal; no pump
FAC 7	02/19/91	Dry after 5.0 gal; no pump
FAC 8	02/19/91	Dry after 8.75 gal; no pump
FAL Series		
FAL 1	02/27/91	Dry after ~6 gal
	02/28/91	Light brown; weakly turbid
FAL 2	02/27/91	Dry after ~0.8 gal
	02/28/91	Brown; turbid
FCA Series		
FCA 2C	02/27/91	Dry after ~1 gal
	02/28/91	Brown; turbid
FCA 2D	02/27/91	Dry after ~2 gal
	02/28/91	Brown; turbid
FCA 9B	02/27/91	No well identification sign
FCA 9C	02/27/91	Trash in well prevented access
FCA 9D	02/27/91	Dry after ~0.6 gal
	02/28/91	Brown; turbid
FCA 10A	02/27/91	No well identification sign; dry after ~1.3 gal
	02/28/91	Brown; turbid
FCA 10B	02/27/91	No well identification sign
FCA 16A	02/27/91	Dry after ~5.3 gal
	02/28/91	Brown; turbid
FCA 16B	02/27/91	No well identification sign; dry after ~0.5 gal
	02/28/91	Brown; turbid
FCA 16D	02/27/91	Dry after ~0.5 gal
	02/28/91	Brown; turbid
FCA 16T	02/27/91	No well identification sign
FCA 19D	02/27/91	No well identification sign; dry after ~2.6 gal
	02/28/91	Brown; turbid
FCB Series		
FCB 4	02/27/91	Dry after 10 gal
	02/28/91	Brown; turbid
FCB 5	02/20/91	Dry after 1.5 gal
FCB 6	02/20/91	Not enough water to pump to surface; unable to sample
FCB 7	02/20/91	No water in standpipe
FET Series		
FET 1D	02/25/91	Dry after ~7 gal
FET 2D	2/25/91	Leaks at T-joint
FET 4D	02/25/91	Surges
FSB Series		
FSB 1TA	03/04/91	No well identification sign; no standpipe, unable to measure water level; no flowmeter, estimated volume purged
FSB 76	01/22/91	Turbid; light brown
FSB 78C	01/14/91	Dry after 23 gal
FSB 87D	01/08/91	No water in standpipe
FSB 88D	01/15/91	Dry after 12 gal
FSB 90D	01/14/91	Dry after 7.2 gal
FSB 91C	01/15/91	Dry after 21 gal
FSB 93D	01/22/91	Pump would not start
FSB 94C	01/22/91	Dry after 21.5 gal
FSB 94D	02/07/91	Abandoned
FSB 94DR	02/24/91	No well identification sign
FSB 95C	02/07/91	Abandoned
FSB 95CR	02/24/91	No well identification sign
FSB 95D	02/07/91	Abandoned
FSB 95DR	02/24/91	No well identification sign
FSB 96A	02/07/91	Abandoned
FSB 96AR	02/24/91	No well identification sign
FSB 97C	01/03/91	Dry after 16.4 gal
FSB 97D	01/03/91	Dry after 2.1 gal
FSB 98D	01/16/91	Dry after 8 gal
FSB105D	02/06/91	Abandoned
FSB105DR	02/24/91	No well identification sign; surges
FSB106D	02/06/91	No well identification sign; dry after 0.7 gal
	02/07/91	No water in standpipe; turbid; brown
FSB108D	01/16/91	Dry after 4.5 gal
FSB109D	01/16/91	Dry after 5.5 gal
FSB110C	01/16/91	Surges
FSB110D	01/16/91	Surges
FSB112A	02/06/91	No well identification sign

Table 2. Comments From the Field Data (cont.)

Well	Date	Comments
FSB112C	02/06/91	No well identification sign; flowmeter not working, estimated volume purged; weakly turbid; light brown; fine sand; first water was soupy mud; surges
FSB112D	02/06/91	No well identification sign
FSB113A	02/10/91	No well identification sign
FSB113C	02/10/91	No well identification sign; dry after 32 gal
FSB113D	02/10/91	No well identification sign; weakly turbid; light brown
FSB114A	02/05/91	No well identification sign; weakly turbid; light brown; surges
FSB114C	02/05/91	No well identification sign
FSB114D	02/05/91	No well identification sign
FSB115C	02/11/91	No well identification sign; dry after 25 gal; weakly turbid; brown
FSB115D	02/11/91	No well identification sign; brown; moderately turbid; surges
FSB116C	02/10/91	No well identification sign; surges
FSB116D	02/10/91	No well identification sign; dry after 2.4 gal
	02/11/91	Strongly turbid; red-brown
FSB117D	02/06/91	No well identification sign
FSB118D	02/10/91	No well identification sign; weakly turbid; light brown; surges
FSB119D	02/05/91	No well identification sign; strongly turbid; orange
FSB120A	02/07/91	No well identification sign; sample collected at 12th well volume
FSB120C	02/06/91	No well identification sign
FSB120D	02/06/91	No well identification sign; dry after 7.5 gal
	02/07/91	Turbid; light brown
FSB121C	02/07/91	No well identification sign
FSB122C	02/06/91	No well identification sign; weakly turbid; light brown
FSB122D	02/06/91	No well identification sign
FSB123C	02/10/91	No well identification sign
FSB123D	02/10/91	No well identification sign
FSS Series		
FSS 1D	02/25/91	Dry after ~6 gal
	02/26/91	Turbid; brown; aerated
FSS 2D	02/25/91	Dry after ~9.3 gal
	02/26/91	Turbid; brown
FSS 3D	02/25/91	Dry after ~8.7 gal
	02/26/91	Aerated
FSS 4D	02/25/91	Dry after ~9 gal
	02/26/91	Light brown; turbid
GBW Series		
GBW 1	03/11/91	Dry after ~10.4 gal
	03/12/91	Light brown; turbid
HAC Series		
HAC 2	02/20/91	Dry after ~4 gal; light brown; weakly turbid
HAC 3	02/20/91	Dry after ~7 gal
HCA Series		
HCA 1	02/20/91	Dry after ~13 gal
HCA 2	02/20/91	Very light brown; turbid
HCA 3	02/20/91	Dry after ~10 gal; light brown; weakly turbid
HCA 4	02/20/91	Dry after ~18 gal; very light brown; weakly turbid
HCB Series		
HCB 2	02/22/91	Light brown; weakly turbid
HCB 4	02/22/91	Pump would not start
HET Series		
HET 2D	02/25/91	Dry after ~9.6 gal
HET 3D	02/25/91	Dry after ~11 gal
HET 4D	02/25/91	Dry after ~11 gal
	02/26/91	Brown; turbid
HMD Series		
HMD 1D	03/05/91	No well identification sign; well installation incomplete, unable to sample
	03/13/91	No well identification sign; dry after 4.5 gal
	03/14/91	Turbidity varied from weakly to strongly turbid; brown
HMD 2D	03/05/91	No well identification sign; well installation incomplete, unable to sample
	03/13/91	No well identification sign; very weakly turbid; light brown

Table 2. Comments From the Field Data (cont.)

Well	Date	Comments
HMD 3D	03/05/91	No well identification sign; well installation incomplete, unable to sample
	03/13/91	No well identification sign; surges; moderately turbid; brown
HMD 4D	03/05/91	No well identification sign; well installation incomplete, unable to sample
	03/13/91	No well identification sign; dry after 10 gal
	03/14/91	Aerated; moderately turbid; light brown
HR3 Series		
HR3 11	01/18/91	Light brown; weakly turbid
HR8 Series		
HR8 11	01/18/91	Surges
HR8 12	01/18/91	Light brown; turbid; surges
HR8 13	01/18/91	Light brown; turbid; aerated; surges
HR8 14	03/22/91	Unable to sample due to entry not being allowed
HSB Series		
HSB 1TB	03/04/91	No well identification sign; no flowmeter, estimated volume purged; no standpipe
HSB 68	01/14/91	Light orange-brown; turbid
HSB 68B	01/14/91	Dry after ~45 gal
	01/15/91	Light brown; turbid
HSB 68C	01/14/91	Dry after ~18 gal
	01/15/91	Aerated
HSB 70	01/09/91	Surges
HSB 70C	01/09/91	Dry after ~26 gal
HSB 71C	02/06/91	Dry after ~21 gal
HSB 84B	01/14/91	Flowmeter not working, estimated volume purged
HSB 84C	01/14/91	Dry after ~14 gal
HSB 85B	01/17/91	Dry after ~45 gal
HSB102C	01/16/91	Standing water surrounds well
HSB102D	01/16/91	Dry after ~4.5 gal; orange-brown; turbid; standing water surrounds well
HSB103C	01/16/91	Surges
HSB109C	01/08/91	Sprays; leaks at elbow; used tape to prevent sampler from getting wet
HSB110C	01/09/91	Surges
HSB110D	01/09/91	Light brown; weakly turbid; surges
HSB111E	01/15/91	Pump may not be working
HSB112D	01/14/91	Surges
HSB112E	01/14/91	Dry after ~2.6 gal
	01/15/91	Brown; turbid; slightly aerated
HSB113C	01/10/91	Surges
HSB113D	01/10/91	Surges
HSB114C	01/10/91	Surges
HSB115D	01/09/91	Dry after ~4.5 gal
	01/10/91	Orange-brown; turbid
HSB117D	02/06/91	Very light gray; turbid
HSB124A	01/17/91	Dry after 40 gal; aerated
HSB126D	01/08/91	Dry after ~7 gal
HSB129C	01/14/91	Surges
HSB129D	01/14/91	Surges
HSB132D	01/16/91	Flowmeter not working, estimated volume purged
HSB133D	01/02/91	Light brown; turbid; surges
HSB135D	01/02/91	Light brown; weakly turbid
HSB139C	01/15/91	Dry after ~26 gal
HSB140A	03/04/91	No well identification sign
HSB140C	03/04/91	No well identification sign
HSB140D	03/04/91	No well identification sign
HSB141A	03/05/91	No well identification sign
HSB141C	03/05/91	No well identification sign; dry after ~40.6 gal
	03/06/91	Turbid; brown; aerated
HSB141D	03/05/91	No well identification sign; dry after ~19.7 gal
	03/06/91	Very light brown; very weakly turbid
HSB142C	03/06/91	No well identification sign; surges
HSB142D	03/06/91	No well identification sign; dry after ~13.3 gal; light brown; turbid
HSB143C	03/04/91	No well identification sign
HSB145C	03/04/91	No well identification sign
HSB145D	03/04/91	No well identification sign
HSB147D	03/06/91	No well identification sign; standing water surrounds well
HSB148C	03/05/91	Dry after ~21 gal; no well identification sign
HSB148D	03/05/91	Dry after ~6.4 gal; no well identification sign; aerated
HSB149D	03/05/91	No well identification sign; very light brown; very weakly turbid
HSB150D	03/04/91	No well identification sign
HSB151C	03/05/91	No well identification sign

Table 2. Comments From the Field Data (cont.)

Well	Date	Comments
HSB151D	03/05/91	No well identification sign; very light brown; very weakly turbid
HSB152C	03/06/91	No well identification sign
HSB152D	03/06/91	Dry after ~7 gal; no well identification sign; brown; turbid; aerated
HSS Series		
HSS 1D	02/25/91	Dry after ~22.5 gal
	02/26/91	Very light brown; very weakly turbid; aerated
HSS 3D	02/25/91	Dry after ~16.5 gal
	02/26/91	Turbid; light red-brown
HTF Series		
HTF 3	01/23/91	Unable to sample, construction in area
HTF 5	01/21/91	Unable to sample, pump not operating
HTF 6	01/21/91	Unable to sample, pump not operating
HTF 8	01/21/91	Unable to sample, pump not operating
HTF 34	01/18/91	Unable to sample, pump not operating
HWS Series		
HWS 1A	01/29/91	Dry after ~2 gal
	01/30/91	Turbid; red-brown
IDB Series		
IDB 1A	03/11/91	Dry after 24 gal
IDB 1B	03/11/91	Dry after 10.0 gal
IDB 1C	03/12/91	No flowmeter
IDB 3	03/11/91	Will not pump water to the surface
IDB 5	03/12/91	Dry after 5.8 gal
IDB 9	03/06/91	No well identification sign
IDB 10	03/06/91	No well identification sign
IDP Series		
IDP 3A	03/04/91	No standpipe cap
IDP 3B	03/04/91	No standpipe cap
IDP 3C	03/04/91	Dry after 12.0 gal
	03/05/91	No standpipe cap
IDP 3D	03/04/91	No pump
IDP 4	03/09/91	Dry after bailing ~200 mL
IDP 4 (cont.)	03/10/91	Moderately turbid; brown; PVC shavings; small amount of sand
IDP 5	03/05/91	No standpipe cap
IDP 6	03/05/91	No standpipe cap
IDQ Series		
IDQ 1	03/06/91	No pump, pad, or protective casing
IDQ 2	03/06/91	Dry after 9.0 gal
	03/07/91	No flowmeter connector or hose; no water in standpipe; turbid; light brown
IDQ 5	03/06/91	Dry after 4.5 gal
	03/07/91	No water in standpipe; no standpipe cap
IDQ 6	03/06/91	Dry after 6.0 gal
IDQ 7	03/06/91	Dry after 5.0 gal
IDQ 10	03/06/91	Dry after 4.0 gal
IDQ 11	03/07/91	No well identification sign; dry after 2.4 gal; moderately turbid; light brown
IDQ 12	03/07/91	No well identification sign
KAB Series		
KAB 1	02/18/91	Dry after 11.5 gal
KAC Series		
KAC 3	01/28/91	Pump would not start
KAC 5	1/28/91	Surges
KAC 6	01/28/91	Dry after ~6.7 gal
	01/29/91	Weakly turbid; light brown
KAC 7	01/28/91	Dry after ~4.6 gal
	01/29/91	Turbid; brown
KCB Series		
KCB 2	02/18/91	Pump would not start, throws circuit breaker on generator
KDB Series		
KDB 1	03/19/91	Dry after 14 gal; leaks
KDB 2	03/19/91	No well identification sign; leaks and sprays around T-joint
KDB 3	03/19/91	Dry after 17 gal; moderately turbid; light brown; leaks and sprays badly

Table 2. Comments From the Field Data (cont.)

Well	Date	Comments
KDT Series		
KDT 1D	03/19/91	Dry after 10 gal; weakly turbid; light brown; aerated
KRP Series		
KRP 3	01/28/91	Surges
KSB Series		
K 301P	02/18/91	Sounded bottom of well at 67.75 ft below TOC; strongly turbid; brown
	03/09/91	Strongly turbid; brown
KSS Series		
KSS 2D	01/28/91	Turbid; light brown; flowmeter not working, estimated volume purged; surges
LCO Series		
LCO 1	02/11/91	Dry after 21 gal
LCO 2	02/12/91	Standpipe cap missing
LCO 3	02/12/91	Standpipe cap missing
LCO 4	02/12/91	Turbid; light brown
LDB Series		
LDB 1	03/19/91	Dry after 19 gal; weakly turbid; light brown
LDB 2	03/19/91	Dry after 20 gal; very weakly turbid; light brown
LFW Series		
LFW 6	02/18/91	Onion-like odor
LFW 7	02/15/91	Weak onion-like odor
LFW 8	02/15/91	Very weak onion-like odor
LFW 10A	02/18/91	Brown; turbid; flowmeter on backwards
LFW 17	02/18/91	Weak onion-like odor
LFW 18	02/18/91	Weak onion-like odor
LFW 20	02/19/91	Flowmeter on backwards
LFW 21	02/18/91	Weak onion-like odor
LFW 22	02/14/91	Weak onion-like odor
LFW 28	02/19/91	Dry after ~13 gal
LFW 29	02/15/91	Surges
LFW 36	02/18/91	Very light brown; turbid; onion-like odor
MCB Series		
MCB 2	02/12/91	Dry after ~7 gal
MCB 4	02/12/91	Dry after ~2.5 gal
MCB 5	02/13/91	Dry after ~7 gal
MCB 5C	02/12/91	Dry after ~8 gal
MCB 6	02/12/91	Dry after ~1.4 gal
	02/13/91	Very light brown; very weakly turbid; slightly aerated
MCB 7C	02/12/91	Dry after ~10.4 gal
	02/13/91	Brown; turbid
MSB Series		
MSB 1B	02/03/91	Well installation incomplete, unable to sample
	03/11/91	No well identification sign
MSB 1C	02/03/91	Well installation incomplete, unable to sample
	03/11/91	No well identification sign; dry after 23 gal
MSB 1CC	02/03/91	Well installation incomplete, unable to sample
	03/11/91	No well identification sign; dry after 12 gal
	03/12/91	Weakly turbid; light brown
MSB 1D	02/03/91	No well identification sign
MSB 2B	01/31/91	Dry after 33 gal; no well identification sign
	02/01/91	Moderately turbid; light brown
MSB 2C	01/31/91	No well identification sign; dry after 6 gal
MSB 2D	01/31/91	Well installation incomplete, unable to sample
	03/12/91	No well identification sign
MSB 3B	01/29/91	No well identification sign
MSB 3C	01/29/91	No well identification sign; dry after 8.5 gal
MSB 3D	01/29/91	No well identification sign; strong odor; moderately turbid; light brown; required ~40 min to filter 1 L
	02/14/91	Moderately turbid; light brown; solvent odor
MSB 4B	01/31/91	No well identification sign
MSB 4C	01/31/91	Dry after 28 gal; no well identification sign

Table 2. Comments From the Field Data (cont.)

Well	Date	Comments
MSB 4D	01/31/91	No well identification sign
MSB 5A	01/04/91	No water in standpipe; flowmeter not working properly, estimated volume purged
	01/27/91	No water in standpipe; flowmeter not working properly, estimated volume purged
	03/16/91	No water in standpipe; flowmeter broken, estimated volume purged
	03/18/91	No water in standpipe
MSB 5B	01/27/91	No well identification sign; very weakly turbid; light brown
MSB 5C	01/27/91	No well identification sign; dry after 14 gal
MSB 6A	03/16/91	Water level taken at bottom of standpipe; aerated
MSB 6B	01/27/91	No well identification sign; very weakly turbid; light brown
MSB 6C	01/27/91	No well identification sign; dry after 13 gal
MSB 7A	01/21/91	Weakly turbid; light brown
MSB 7B	01/21/91	Dry after 31 gal; no well identification sign
	01/22/91	Turbid; brown
MSB 7C	01/21/91	Dry after 8 gal; no well identification sign
	01/22/91	Turbid; brown
MSB 8A	03/18/91	No water in standpipe
MSB 8B	01/21/91	No well identification sign; very weakly turbid; brown
MSB 8C	01/21/91	No well identification sign
MSB 9B	01/21/91	Dry after 8 gal
MSB 9C	01/21/91	No water in standpipe
	03/18/91	No water in standpipe
MSB 10C	01/04/91	Surges
MSB 11F	01/04/91	No water in standpipe
	03/18/91	No water in standpipe
MSB 12D	03/18/91	No water in standpipe
MSB 13B	01/04/91	Dry after ~1 gal
	02/02/91	Dry after ~1 gal; aerated
	03/15/91	Aerated
MSB 13CC	01/31/91	Well installation incomplete, unable to sample
	03/11/91	No well identification sign; dry after 8 gal
	03/21/91	Dry after 10.6 gal
MSB 13D	01/31/91	Dry after 16 gal; no well identification sign
	02/01/91	Varied turbidity; brown
MSB 14C	03/18/91	No water in standpipe
MSB 15C	01/05/91	Dry after bailing 1.3 gal
	01/06/91	Turbid; light brown
MSB 15D	01/05/91	Dry after 1.5 gal
MSB 16C	01/24/91	No water in standpipe; pump would not start
	03/19/91	No water in standpipe
MSB 17B	01/04/91	Coupling broken between flowmeter and sample port; tape removed for sampling
MSB 18C	01/21/91	Dry after 4 gal
MSB 20C	01/23/91	No water in standpipe; dry after 2.0 gal; pump starts, but no water
	03/19/91	No water in standpipe
MSB 21C	01/23/91	Light brown; turbid
MSB 22	03/18/91	No water in standpipe
MSB 23	03/20/91	No water in standpipe
MSB 23TA	01/17/91	Sample collected at each of first 4 well volumes; weakly turbid; brown
MSB 24	01/16/91	Dry after 5 gal
MSB 25	03/20/91	No water in standpipe
MSB 26	01/05/91	No water in standpipe
	03/19/91	No water in standpipe
MSB 27A	03/20/91	No water in standpipe
MSB 27B	01/16/91	X10 on flowmeter not working, estimated volume purged
MSB 29A	01/04/91	No water in standpipe; flowmeter not working, estimated volume purged
	02/02/91	Water level taken at bottom of standpipe; surges
MSB 29C	03/16/91	Riser pipe is cracked; leaks and sprays
MSB 30AA	01/06/91	Dry after 65 gal
MSB 34C	01/18/91	No water in standpipe; turbid; brownish-red
	03/20/91	No water in standpipe
MSB 35D	03/20/91	No water in standpipe
MSB 36D	01/05/91	No water in standpipe; pump would not start
	03/19/91	No water in standpipe
MSB 37A	02/02/91	Dry after ~75 gal
	02/03/91	Flowmeter not working, estimated volume purged
MSB 37D	02/03/91	No pump in well; unable to sample
MSB 38C	01/09/91	Leaks and sprays; surges
MSB 38D	03/19/91	No water in standpipe

Table 2. Comments From the Field Data (cont.)

Well	Date	Comments
MSB 39A	01/04/91	Dry after 60 gal
MSB 40C	01/25/91	No water in standpipe
	03/19/91	No water in standpipe
MSB 40D	01/25/91	No water in standpipe
	03/19/91	No water in standpipe
MSB 41C	01/08/91	X10 on flowmeter not working, estimated volume purged
MSB 41D	03/21/91	No water in standpipe
MSB 42C	02/08/91	No water in standpipe
	03/20/91	No water in standpipe
MSB 42D	02/05/91	Dry; no pump; no plumbing
MSB 43D	01/03/91	X10 on flowmeter not working
	02/01/91	X10 on flowmeter does not work, estimated volume purged
	03/16/91	X10 on flowmeter not working, estimated volume purged
MSB 44C	03/07/91	Very strongly turbid; brown; sand
MSB 46A	02/04/91	Dry after 45 gal
MSB 46B	02/06/91	No water in standpipe
	03/19/91	No water in standpipe
MSB 47TA	01/15/91	Very weakly turbid; brown
MSB 48A	01/28/91	No well identification sign
MSB 48B	01/28/91	Flowmeter not working, estimated volume purged
MSB 48C	01/25/91	No well identification sign
MSB 48D	01/25/91	Pump will not start
MSB 48TA	01/28/91	No well identification sign
MSB 49D	01/31/91	Dry after 10 gal
MSB 51D	01/12/91	Dry after 5 gal; moderately turbid; light brown
MSB 52B	01/23/91	X100 on flowmeter not working
MSB 52D	01/23/91	Dry after 1 gal
MSB 53C	01/10/91	X10 on flowmeter not working, estimated volume purged
MSB 53D	01/10/91	Leaks and sprays around T-joint; surges
MSB 54D	01/14/91	No water in standpipe
MSB 55B	02/06/91	No well identification sign
MSB 55C	02/06/91	No well identification sign
MSB 55D	02/06/91	No water in standpipe; turbid; light brown
	03/20/91	No well identification sign; no water in standpipe
MSB 55HC	02/06/91	Dry after 7.5 gal
MSB 55TA	02/07/91	No well identification sign
	03/11/91	No well identification sign; dry after 16 gal
MSB 55TA (cont.)	03/12/91	Turbidity varied from very weakly to weakly turbid; light brown
MSB 57D	02/03/91	Well installation incomplete, unable to sample
	03/11/91	No well identification sign; dry at 16 gal
	03/12/91	Varied turbidity from very weak to weak; light brown
MSB 58D	01/31/91	Well installation incomplete, unable to sample
	03/12/91	No well identification sign; dry after 6 gal
	03/13/91	Turbidity varied; light brown
MSB 59D	01/31/91	No well identification sign; weakly turbid; light brown
MSB 60D	01/27/91	No well identification sign
MSB 61D	01/10/91	Dry after 7 gal; turbid; light brown
MSB 62B	02/03/91	Well installation incomplete, unable to sample
	03/12/91	No well identification sign
MSB 62C	02/03/91	Well installation incomplete, unable to sample
	03/12/91	No well identification sign
MSB 62D	02/03/91	Well installation incomplete, unable to sample
	03/12/91	No well identification sign; dry after 4 gal
MSB 63B	01/27/91	No well identification sign
MSB 63C	01/31/91	No well identification sign; gate valve cracked; leaks and sprays
MSB 63D	01/27/91	No well identification sign; dry after 6 gal; moderately turbid; light brown
MSB 64B	01/22/91	No well identification sign
MSB 64C	01/22/91	No well identification sign
MSB 64D	01/27/91	No well identification sign; very weakly turbid; light brown
MSB 66D	01/28/91	Hand pump in well was inoperable
MSB 68D	01/21/91	No well identification sign; very light brown; very weakly turbid
MSB 69B	01/21/91	No well identification sign

Table 2. Comments From the Field Data (cont.)

Well	Date	Comments
MSB 69C	01/21/91	Dry after ~65 gal
	01/22/91	No well identification sign
MSB 69D	01/21/91	No well identification sign
MSB 69TA	01/21/91	No well identification sign
MSB 70D	01/31/91	Pump runs, but no water was purged; no well identification sign
MSB 71B	01/12/91	Dry after 43 gal
	01/13/91	Weakly turbid; light brown
MSB 74B	01/09/91	No well identification sign; very weakly turbid; light brown
MSB 74C	01/08/91	No well identification sign; dry after 14 gal
	01/09/91	Light brown; turbid
MSB 74D	01/08/91	No well identification sign; dry after 5 gal
	01/09/91	Weakly turbid; light brown
MSB 75B	01/13/91	No well identification sign; weakly turbid; light brown
MSB 75C	01/13/91	No well identification sign; dry after 1.9 gal
MSB 76C	01/13/91	Very weakly turbid; light brown; no well identification sign
MSB 77B	02/09/91	No well identification sign; very weakly turbid; light brown
MSB 77C	02/09/91	No well identification sign; very weakly turbid; light brown
MSB 77D	02/09/91	No well identification sign; dry after 4 gal
	02/10/91	Weakly turbid; light brown
MSB 77TA	02/09/91	No well identification sign; dry after 53 gal
	02/10/91	Weakly turbid; brown; odor; well pad surrounded by standing water
MSB 78D	01/31/91	Well installation incomplete, unable to sample
	03/12/91	No well identification sign; strongly turbid; light brown; surges
MSB 79B	01/12/91	No well identification sign; dry after 32 gal
	01/13/91	Turbid; light brown
MSB 79C	01/12/91	No well identification sign; dry after 4 gal
	01/13/91	Weakly turbid; light brown
MSB 81B	02/09/91	No well identification sign; weakly turbid; light brown
MSB 82A	02/04/91	Dry after pumping 27 gal; no well identification sign
MSB 82B	02/04/91	No well identification sign
MSB 82C	02/04/91	No well identification sign; leaks around T-joint
MSB 82D	02/04/91	No well identification sign; surges
MSB 82TA	02/04/91	No well identification sign
MSB 83A	02/09/91	Well does not exist
MSB 83B	02/09/91	Well installation incomplete, unable to sample
	03/17/91	No well identification sign
MSB 83D	02/09/91	Well installation incomplete, unable to sample
	03/17/91	Dry after 3 gal; weakly turbid; light brown
MSB 83TA	02/09/91	Well installation incomplete, unable to sample
	03/17/91	No well identification sign
MSB 84C	02/07/91	No well identification sign
MSB 85C	02/07/91	Dry after 46 gal
MSB 85D	02/09/91	No well identification sign
MSB 85TA	02/07/91	No well identification sign; dry after 33 gal
NBG Series		
NBG 1	02/27/91	Dry after ~9 gal
NBG 2	02/27/91	Dry after ~12.4 gal
	02/28/91	Leaks and sprays from T-joint
NBG 3	02/27/91	Dry after ~7 gal
NBG 4	02/27/91	Dry after ~7.7 gal
NBG 5	02/27/91	Dry after ~13 gal
P Series		
P 26A	03/04/91	Pump would not start; control box would not work
P 26B	03/04/91	Pump would not start; control box would not work
P 26D	03/04/91	Pump would not start; control box would not work
P 28A	03/01/91	Pump hard to start, probably sand locked
P 28TC	02/28/91	Dry after 63 gal
PAC Series		
PAC 3	01/23/91	Light brown; weakly turbid
PAC 5	01/23/91	Dry after ~7 gal

Table 2. Comments From the Field Data (cont.)

Well	Date	Comments
PAC 6	01/23/91	Dry after ~8 gal; turbid; dark brown; aerated
PCB Series		
PCB 3A	01/24/91	Aerated; surges
PDB Series		
PDB 2	03/19/91	Leaks at T-joint; surges
PDB 3	03/19/91	Flowmeter not working, estimated volume purged
PRP Series		
PRP 2	01/25/91	Very light brown; weakly turbid
PRP 3	01/25/91	Surges
PSB Series		
PSB 5A	01/23/91	Dry after ~9 gal
PSB 6A	01/23/91	Surges
PSS Series		
PSS 1D	01/25/91	Very light brown; weakly turbid
PSS 3D	01/24/91	Dry after ~9 gal
PSS 3D	01/25/91	Light brown; weakly turbid; aerated
RDB Series		
RDB 1D	03/11/91	Dry after ~14.5 gal; light brown; weakly turbid
RDB 2D	03/11/91	Brown; turbid
RDB 3D	03/11/91	Light brown; turbid; surges
RSE Series		
RSE 12	03/21/91	Well bucket stuck in well
RSE 24	03/11/91	No well identification sign
RSE 25	03/11/91	No well identification sign
RWM Series		
RWM 1	01/12/91	Aerated
	01/20/91	Aerated
	02/12/91	Aerated
	03/12/91	Aerated
RWM 2	01/12/91	Could not measure specific conductance due to insulation
	03/12/91	Aerated
RWM 12	03/20/91	No pump in well, unable to sample
RWM 16	02/24/91	No well identification sign
SCA Series		
SCA 3	03/12/91	Dry after ~29 gal; brown; turbid; aerated
SCA 3A	03/12/91	Dry after ~5.3 gal
	03/13/91	Red-brown; turbid
SCA 4	03/12/91	Dry after ~22.4 gal; very light brown; very weakly turbid; aerated
SCA 4A	03/12/91	Dry after ~4.5 gal
	03/13/91	Red-brown; turbid
SCA 5	03/12/91	Pump would not start
SCA 6	03/12/91	Dry after ~11.6 gal; light brown; turbid
SLP Series		
SLP 1	03/01/91	Dry after ~ 5.3 gal; very light brown; weakly turbid
SRW Series		
SRW 1	03/18/91	No water in standpipe
SRW 4	03/18/91	No water in standpipe
SRW 7	01/30/91	Dry after 1.2 gal; no water in standpipe
	03/18/91	No water in standpipe
SRW 10	02/01/91	No water in standpipe
	03/18/91	No water in standpipe
SRW 11	02/01/91	No water in standpipe
	03/18/81	No water in standpipe
SRW 13A	01/29/91	T-valve cracked; leaks badly
SRW 13B	01/29/91	Cut-off valve leaks
SRW 13C	01/29/91	Flowmeter to hose connection leaks badly
SRW 14C	02/04/91	No water in standpipe; 1 in. elbow cracked; leaks badly
	03/18/81	No water in standpipe
SRW 16A	02/04/91	Dry after 22 gal
SSS Series		
SSS 1	03/10/91	No well identification sign; strongly turbid; brown; sand

Table 2. Comments From the Field Data (cont.)

Well	Date	Comments
SSS 2	03/10/91	No well identification sign; very weakly turbid; light brown
SSS 3	03/10/91	No well identification sign; weakly turbid; light brown
SSS 4	03/09/91	No well identification sign; dry after 1.2 L
	03/10/91	Very strongly turbid (muddy); red; sand; total alkalinity measurement made with filtered water
SSS 5	03/09/91	No well identification sign; strongly turbid; brown; sand
SSS 6	03/09/91	No well identification sign; dry after 2.3 L
	03/10/91	Strongly turbid; orange-brown; lots of sand
SSS 7	03/03/91	Access washed out
SSS 8	03/03/91	Access washed out
SSS 9	03/03/91	Access washed out
SSS 10	03/09/91	No well identification sign; strongly turbid; brown; sand
SSS 11	03/09/91	No well identification sign
SSS 12	03/09/91	No well identification sign
SSS 17	03/10/91	No well identification sign; moderately turbid; reddish-brown; sand
SSS 19	03/09/91	No well identification sign; dry after 2.4 L
	03/10/91	Strongly turbid; brown; sand
SSS 20	03/09/91	No well identification sign; dry after 1 L
	03/10/91	Strongly turbid; brown; sand
SSS 21	03/09/91	No well identification sign
SSS 22	03/09/91	No well identification sign; moderately turbid; brown
SSS 23	03/09/91	No well identification sign; strongly turbid; brown
SSS 24	03/09/91	No well identification sign
SSS 25	03/10/91	No well identification sign; weakly turbid; white
SSS 26	03/10/91	No well identification sign; moderately turbid; pinkish milky-white; sand
SSS 27	03/10/91	No well identification sign; strongly turbid; brown
TBG Series		
TBG 3	03/15/91	Dry after 9.0 gal
	03/16/91	No flowmeter hose
TBG 5	03/15/91	Dry after 7.5 gal
TBG 5A	03/16/91	No flowmeter hose
TBG 6	03/15/91	Dry after 13.5 gal
TBG 7	03/16/91	No flowmeter hose
TNX Series		
TNX 3D	03/07/91	Dry after 8.0 gal
TNX 4D	03/07/91	Dry after 8.0 gal
TNX 5D	03/07/91	Dry after 7.0 gal
TNX 6D	03/08/91	Dry after 6.0 gal
TNX 8D	03/08/91	Pad is 6 in. under water
TNX 11D	03/08/91	Turbid; light rusty red
XSB Series		
XSB 1A	03/16/91	1 in. gate valve broken; leaks badly
XSB 2D	03/21/91	Dry after 14 gal
XSB 3A	03/21/91	No pad; no protective casing; no hose on flowmeter; no samples taken
XSB 4D	03/21/91	No samples taken
XSB 5A	03/21/91	No samples taken
YSB Series		
YSB 3A	03/11/91	Flowmeter not working, estimated volume purged
YSC Series		
YSC 1A	03/21/91	No well identification sign; unable to sample due to well's being hit by lightning
YSC 1C	03/21/91	Dry after ~6.5 gal; no well identification sign
YSC 2A	03/21/91	No well identification sign
YSC 2D	03/21/91	No well identification sign; unable to sample due to tree falling on and breaking above-ground plumbing
YSC 4C	03/21/91	No well identification sign; surges

Table 2. Comments From the Field Data (cont.)

Well	Date	Comments
Z Series		
Z 9	03/22/91	Brown; strongly turbid
Z 11	03/18/91	Well pipe under manhole covered with water
ZBG Series		
ZBG 1A	03/13/91	Dry after ~5.5 gal
ZDT Series		
ZDT 2	02/25/91	Flowmeter not working properly, estimated volume purged
ZW Series		
ZW 6	03/14/91	Not enough water to sample
241-H Well		
241-H	01/18/91	Unable to sample, construction in area

6. ANALYTICAL DATA REVIEW

The following laboratories performed the sample analyses for EPD/EMS during first quarter 1991. All analyses were conducted by EPA-approved methods except as noted in Table 18 on page 64.

General Engineering (GE) of Charleston, SC, and IT Analytical Services (IT) of St. Louis, MO, the primary SCDHEC-certified subcontracting laboratories for sample analysis, performed all analyses, with the following exceptions:

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

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

Both GE and IT performed analyses of gross alpha, nonvolatile beta, tritium and total radium; IT performed most other scheduled radioisotope analyses.

REVIEW OF THE ANALYTICAL DATA FOR ERRORS

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

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

- Several laboratory sample identifications were assigned incorrect well names.

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

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

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.

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

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

ANALYTICAL DATA REVIEW

Review of General Engineering Analytical Data

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

BG 91	BG 107	BG 121	P 28TC	PSS 1D
BG 92	BG 108	BG 122	P 29C	PSS 2D
BG 93	BG 109	P 28A	P 29TA	PSS 2D(R)
BG 101	BG 110	P 28TB	P 29TC	PSS 3D
BG 104				

Samples from the following 104 wells were analyzed past the 48-hour holding time for total phosphates as phosphorus because the laboratory received the samples after the holding time expired.

ACB 1A	CSR 1	MSB 17BB	MSB 45B	RAC 2
ACB 2A	CSR 2	MSB 17D	MSB 48C	RAC 3
ACB 3A	CSR 3	MSB 34A	MSB 56D	RAC 4
ASB 7	CSR 4	MSB 34B	MSB 84C	RRP 1
ASB 8	DCB 1A	MSB 34C	MSB 85C	RRP 2
ASB 8A	FAC 4	MSB 34TA	MSB 85TA	RRP 3
ASB 8B	HAP 1	MSB 34TB	MSB 86C	RRP 4
ASB 8C	HAP 2	MSB 39A	P 28A	SBG 1
ASB 8TA	HCB 2	MSB 39B	P 28TB	SBG 2
BG 91	HR3 13	MSB 39C	P 28TC	SBG 3
BG 92	LFW 26	MSB 39D	P 29C	SBG 4
BG 93	MSB 2B	MSB 39TA	P 29TA	SBG 5
BG 101	MSB 2C	MSB 404C	P 29TC	SBG 6
BG 104	MSB 4C	MSB 40A	PRP 1A	SLP 1
BG 107	MSB 10A	MSB 40B	PRP 2	SLP 2
BG 108	MSB 10B	MSB 40TA	PRP 3	SRW 10
BG 109	MSB 10C	MSB 43A	PRP 4	SRW 11
BG 110	MSB 13D	MSB 43B	PSS 1D	SRW 6
BG 121	MSB 16A	MSB 43D	PSS 2D	TBG 1
BG 122	MSB 17A	MSB 43TA	PSS 3D	TBG 4
BGO 11D	MSB 17B	MSB 45A	RAC 1	

Samples from RSA 10, RSB 7, RSD 1, RSE 9, and RSE 10 were analyzed past the 7-day holding time for total organic halogens because the laboratory received the samples after the holding time expired.

Samples from AMB 7, FCB 3, MSB 16A, MSB 38B, MSB 38C, and MSB 38TA were extracted past the 7-day holding time for herbicides, although the laboratory received the samples before the holding time expired. In addition, samples from FSB 78B, KAC 1, and HAC 2 should be treated as suspicious due to surrogate failure. The duplication of these samples for quality control left insufficient sample for reextraction.

Samples from the following 6 wells were extracted for pesticides past the 7-day holding time, although the laboratory received the samples before the holding time expired: FCB 3, MSB 24A, MSB 25A, MSB 27, MSB 27B, and MSB 32.

Samples from the following 132 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 1A	ABP 4	ASB 3A	ASB 6AA	CMP 14B
ABP 2A	ACB 4A	ASB 4	BRD 1	CMP 14C
ABP 3	ASB 1A	ASB 5A	CMP 12	CMP 15A
ABP 3C	ASB 2A	ASB 6A	CMP 13	CMP 15B

CMP 15C	LRP 2	MSB 15A	MSB 51B	MSB 81B
CMP 16B	LRP 3	MSB 15AA	MSB 51D	MSB 85D
CSD 1D	LRP 4	MSB 26	MSB 57D	PDB 2
CSD 9D	LSB 3	MSB 26A	MSB 60D	PDB 3
FCB 3	MSB 1C	MSB 26B	MSB 62B	SCA 3
FET 2D	MSB 1CC	MSB 28A	MSB 62C	SCA 4
FET 3D	MSB 1D	MSB 29A	MSB 63B	SCA 6
IDP 3C	MSB 2D	MSB 29B	MSB 63D	SSS 22
IDP 5	MSB 4B	MSB 29C	MSB 64D	SSS 23
IDP 6	MSB 4D	MSB 29D	MSB 67B	TBG 1
IDP 7	MSB 5B	MSB 29TA	MSB 67C	TBG 3
IDP 8	MSB 5C	MSB 31A	MSB 67D	TBG 4
IDP 9	MSB 6B	MSB 31B	MSB 68B	TBG 5
KAB 2	MSB 6C	MSB 31C	MSB 68C	TBG 5A
KAB 3	MSB 7A	MSB 31CC	MSB 68D	TBG 5B
KAB 4	MSB 8B	MSB 36A	MSB 69B	TBG 6
KDB 1	MSB 8C	MSB 36B	MSB 69D	TBG 7
KDB 2	MSB 9A	MSB 36C	MSB 69TA	XSB 1A
KDB 3	MSB 9B	MSB 36TA	MSB 77B	XSB 1B
KDT 1D	MSB 9C	MSB 37C(R)	MSB 77C	XSB 1D
LDB 1	MSB 13A	MSB 46A	MSB 77D	
LDB 2	MSB 13CC	MSB 50B	MSB 77TA	
LRP 1	MSB 14A	MSB 50D	MSB 78D	

Samples from the following 14 wells were analyzed past the 7-day holding time for total organic halogens, although the laboratory received the samples before the holding time expired: AMB 4, AMB 5, ASB 7(R), MSB 2C, MSB 5C, MSB 6C, MSB 48C, PSS 3D, PSS 2D, RRP 1, RRP 2, RRP 3, RRP 4, and RWM 1. In addition, BG 101, LCO 4, and MSB 77TA were analyzed out of holding time due to an unspecified need for reanalysis, and MSB 2B, MSB 3B, MSB 3C, MSB 4B, MSB 4D, and MSB 59D were reanalyzed out of holding time due to lab contamination.

Samples from the following 6 wells were extracted past the 7-day holding time for Priority Pollutant bases/neutrals, although the laboratory received the samples before the holding time expired: FSB 91D, FSB 97C, HSB107D, HSB112D, HSB116C, and HSB119A.

Samples from the following 312 wells were analyzed after the 7-day holding time for total dissolved solids expired, although the laboratory received the samples before the holding time expired.

ABP 1A	ASB 8TA	CSO 1	FBP 2A	HAP 2
ABP 2A	ASB 9	DBP 1	FBP 3A	HCA 1
ABP 3	ASB 9B	DBP 2	FBP 4	HCA 2
ABP 3C	ASB 9C	DBP 3	FCB 3	HCA 3
ABP 4	CMP 8	DBP 4	FET 2D	HCA 4
ABP 8C	CMP 10B	DCB 1A	FET 3D	HCB 2
ACB 4A	CMP 11	DOB 1	FET 4D	HET 1D
ARP 1A	CMP 13B	DOB 2	FNB 4	HMD 1D
ARP 2	CRP 1	DOB 3	FSB 76B	HMD 2D
ARP 3	CRP 2	DOB 4	FSS 3D	HMD 3D
ARP 4	CRP 3	FAC 3	FSS 4D	HMD 4D
ASB 7	CRP 4	FAC 5	HAC 1	HSB121A
ASB 8	CSA 1	FAC 6	HAC 2	HSS 1D
ASB 8A	CSA 2	FAC 7	HAC 3	HWS 1A
ASB 8B	CSA 3	FAC 8	HAC 4	HWS 2
ASB 8C	CSA 4	FBP 1A	HAP 1	HXB 1

HXB 2
HXB 3
IDB 1B
IDB 1C
IDB 2A
IDB 4
IDB 5
IDB 6
IDB 7
IDB 8
IDP 1
IDP 2
IDP 3A
IDP 3B
IDP 3C
IDP 5
IDP 6
IDP 7
IDP 8
IDP 9
KAB 1
KAC 1
KAC 2
KAC 4
KAC 5
KAC 6
KAC 7
KDB 3
KDT 1D
KRP 1
KRP 2
KRP 3
KRP 4
KSS 1D
KSS 2D
KSS 3D
LDB 1
LDB 2
MSB 1B
MSB 1C
MSB 1CC
MSB 2D
MSB 3B
MSB 3C
MSB 3D
MSB 4B
MSB 4D
MSB 5A
MSB 5B
MSB 5C
MSB 6A
MSB 6B
MSB 6C
MSB 6D
MSB 7A
MSB 7B
MSB 7C
MSB 8B
MSB 8C
MSB 9A
MSB 9B
MSB 9C
MSB 12A
MSB 12B
MSB 12C
MSB 12TA
MSB 12TB
MSB 13CC
MSB 16A
MSB 18A
MSB 18B
MSB 19A
MSB 19B
MSB 19C
MSB 20A
MSB 21A
MSB 21B
MSB 21C
MSB 21TA
MSB 32
MSB 33
MSB 33B
MSB 33TA
MSB 35A
MSB 35B
MSB 38B
MSB 38C
MSB 38TA
MSB 40A
MSB 40B
MSB 40C
MSB 40TA
MSB 41A
MSB 41B
MSB 41C
MSB 41TA
MSB 45A
MSB 45B
MSB 47B
MSB 47BB
MSB 47C
MSB 47D
MSB 47TA
MSB 48A
MSB 48B
MSB 48C
MSB 48TA
MSB 52B
MSB 57D
MSB 58D
MSB 59D
MSB 60D
MSB 62B
MSB 62C
MSB 62D
MSB 63B
MSB 63C
MSB 63D
MSB 64B
MSB 64C
MSB 64D
MSB 66B
MSB 66C
MSB 66TA
MSB 67B
MSB 67C
MSB 67D
MSB 68B
MSB 68C
MSB 68D
MSB 69B
MSB 69C
MSB 69D
MSB 69TA
MSB 74B
MSB 74C
MSB 74D
MSB 78D
MSB 83B
MSB 83D
MSB 83TA
MSB 9A
P 26A
P 28A
P 28TB
P 28TC
P 29C
P 29TA
P 29TC
PAC 1
PAC 2
PAC 3
PAC 4
PAC 5
PAC 6
PCB 4A
PDB 2
PDB 3
PRP 1A
PRP 2
PRP 3
PRP 4
PSS 1D
PSS 2D
PSS 3D
RAC 1
RAC 2
RAC 3
RAC 4
RDB 2D
RRP 1
RRP 2
RRP 3
RRP 4
RSE 24
SBG 1
SBG 2
SBG 3
SBG 4
SBG 5
SBG 6
SCA 1
SCA 2
SCA 3
SCA 3A
SCA 4
SCA 4A
SCA 6
SLP 1
SLP 2
SRW 12A
SRW 12B
SRW 12C
SRW 13A
SRW 13B
SRW 13C
SRW 2
SRW 2A
SRW 2B
SRW 5
SRW 7
SRW 8
SRW 9
SRW 9A
SRW 9B
SSS 1
SSS 2
SSS 3
SSS 4
SSS 5
SSS 6
SSS 10
SSS 17
SSS 19
SSS 22
SSS 23
SSS 25
SSS 26
SSS 27
TBG 1(R)
TBG 3
TBG 5A
TBG 5B
TBG 6
TBG 7
XSB 1A
XSB 1B
XSB 1D
YSB 1A
YSC 5A
ZDT 1
ZDT 2

Samples from the following 7 wells were analyzed after the 7-day holding time for total dissolved solids expired because the earlier analyses did not meet quality control criteria: IDB 1A, IDB 2B, IDB 2C, IDP 1, IDQ 3A, KDB 1, and KDB 2.

Samples from the following 11 wells were analyzed past the 48-hour holding time for nitrite as nitrogen, although the laboratory received them before the holding time expired: BG 94, BG 95, BG 96, CSD 1D, FSS 1D, FSS 2D, FSS 3D, FSS 4D, HSS 1D, HSS 2D, and HSS 3D, as well as the spike for IDQ 5.

Samples from the following 34 wells were analyzed past the 28-day holding time for nitrate as nitrogen, although the laboratory received them before the holding time expired.

BG 107	DBP 3	HCB 2	MSB 62C	MSB 85D
BG 110	DBP 4	LDB 2	MSB 77B	MSB 85TA
CMP 13B	DCB 1A	LFW 26	MSB 77C	MSB 86C
CSR 1	FAC 4	MSB 1CC	MSB 77TA	P 26A(R)
CSR 2	FBP 1A	MSB 2D	MSB 81B	SCA 4A
CSR 3	HAP 1	MSB 13CC	MSB 84C	SSS 10
CSR 4	HAP 2	MSB 56D	MSB 85C	

A need for reanalysis caused the sample for ASB 6AA to be analyzed past the 14-day holding time for GC VOA, although the laboratory received the sample before the holding time expired.

Samples for KDT 1D and TBG 6 were analyzed past the 14-day holding time for GCMS VOA, although the laboratory received the samples before the holding time expired.

The internal laboratory blanks in Table 3 showed elevated results. General Engineering confirmed these results after review of the laboratory's records. The samples that accompanied the laboratory blanks in their respective analytical batches are listed in the table.

Table 3. General Engineering Laboratory Blanks With Elevated Results

Analyte	Run Date	Result	Well Samples Accompanying Laboratory Blanks
Acetone	2/12/91	13 µg/L	MSB 29A, MSB 29B, MSB 29C, MSB 29D, MSB 29TA, MSB 43A, MSB 43B, MSB 43D, MSB 43TA
gamma-Benzene hexachloride (Lindane)	1/31/91	0.016 µg/L	ACB 4A, MSB 67B, MSB 67C, MSB 67D, MSB 68C, MSB 68D
Dichloromethane (Methylene chloride)	1/29/91	23 µg/L	ASB 8, ASB 8B, ASB 8C, PRP 1A, PRP 2, PRP 3, PRP 4, MSB 40B
	3/05/91	21 µg/L	CMP 10, CMP 11, CMP 12A, CMP 13B
Silica	3/06/91	8,100 µg/L	HAC 1, HAC 2
Sodium	2/16/91	310 µg/L	SRW 14A, SRW 14B, SRW 14C, SRW 15A, SRW 15B
Total dissolved solids	1/23/91	38,000 µg/L	MSB 24
Total silica	1/21/91	200 µg/L	ABW 1, MSB 53B, MSB 53C, MSB 53D, MSB 61C
Xylenes	2/19/91	9 µg/L	ASB 3C, ASB 10C, MCB 6C
Zinc	2/16/91	17 µg/L	MSB 42B

General Engineering found no errors upon review of the records of the following EPD/EMS blind blanks that showed elevated results. Table 4 lists the samples that accompanied the blind blanks in their respective analytical batches.

Table 4. EPD/EMS Blind Blanks With Elevated Results From General Engineering

Analyte	Run Date	Result	Well Samples Accompanying Blanks
Alkalinity	2/12/91	2,600 µg/L	BG 91, BG 92, BG 93, BG 94, BG 95, BG 96, BG 104, BG 107, BG 108, BG 109, BG 110, BG 121
	2/18/91	2,600 µg/L	BG 101
Antimony	3/15/91	3 µg/L	SSS 22, SSS 23, SSS 25, SSS 26
Barium	1/31/91	22 µg/L	PCB 4A(R), MSB 52D
gamma-Benzene hexachloride (Lindane)	2/11/91	0.018 µg/L	KRP 2, KRP 3, KRP 4, KSS 1D, KSS 2D, KSS 3D
Calcium	1/10/91	240 µg/L	AC 2A, AC 2B, AC 3A, AC 3B
Dichlorofluoromethane	2/20/91	1 µg/L	BRD 1, BRD 2, BRD 4, BRD 5D
Lead	1/28/91	13 µg/L	ARP 3, FSB 76B, MSB 64B, MSB 64C
Magnesium	1/10/91	63 µg/L	AC 2A, AC 2B, AC 3A, AC 3B
Manganese	1/31/91	8.3 µg/L	PCB 4A(R), MSB 52D
Nitrate	2/21/91	2,780 µg/L	HCA 2, HCA 3, HCA 4, HCA 4(R)
pH	2/21/91	4.05	FAC 3, FAC 5, FAC 6, FAC 7, FAC 8, FCB 3, FCB 3(R), HAC 1, HAC 3, HAC 4, HCA 1, HCA 2, HCA 3, HCA 4, HCA 4(R)
Silica	1/09/91	19,800 µg/L	MSB 11A, MSB 11B, MSB 11C, MSB 11D, MSB 11F
	1/10/91	23,000 µg/L	AC 3B
	1/11/91	26,800 µg/L	FSB 97A, MSB 33TA, MSB 41A, MSB 41B, MSB 41C, MSB 41TA
	1/16/91	20,400 µg/L	ACB 1A, ACB 2A, FSB 99A, MSB 61D
	1/21/91	26,000 µg/L	MSB 51B, MSB 72B
	1/22/91	10,900 µg/L	FSB 91D, HSB119A
	1/26/91	21,000 µg/L	HSB102D, MSB 7A, MSB 8B, MSB 8C, MSB 9A(R)
	3/18/91	17,000 µg/L	SBG 1, SBG 2, SBG 3, SBG 4, SBG 5, SBG 6, SLP 1, SLP 2, P 28A, P 28TB, P 28TC, P 29C, P 29TA, P 29TC
	3/19/91	12,000 µg/L	IDQ 3A, IDQ 3B, IDQ 3C, IDQ 4
	3/19/91	25,000 µg/L	IDQ 2, IDQ 5, IDQ 6, IDQ 7, IDQ 10, IDQ 11, IDQ 12, IDB 9, IDB 10, MSB 44C, TNX 2D, TNX 2D(R)
	3/19/91	15,000 µg/L	SSS 19, SSS 20, SSS 22, SSS 23, SSS 25, SSS 26, SSS 27
	3/26/91	19,000 µg/L	FBP 3A, FBP 4, IDB 2A, IDB 2B, IDB 2C
Sodium	1/10/91	290 µg/L	AC 2A, AC 2B, AC 3A, AC 3B
	3/13/91	240 µg/L	P 28TC, P 29C, P 29TA, P 29TC
Specific conductance	2/27/91	29 µS/cm	FAC 3, FAC 5, FAC 6, FAC 7, FAC 8, FCB 3, HAC 4, HCA 1, HCA 2, HCA 3, HCA 4
Sulfate	1/19/91	2,830 µg/L	MSB 23B, MSB 23TA, MSB 24, MSB 24A, MSB 27
	1/31/91	42,200 µg/L	ABP 1A, ABP 8C, KAC 1, KAC 4, KRP 1, KRP 2, KRP 4, MSB 5C, PCB 4A
	2/20/91	3,420 µg/L	LFW 26
Total dissolved solids	1/07/91	36,000 µg/L	MSB 11A, MSB 11B, MSB 11C, MSB 11D, MSB 11F
	1/18/91	37,000 µg/L	MSB 33, MSB 33A, MSB 33B, MSB 33C, MSB 33TA, MSB 41A, MSB 41B, MSB 41C, MSB 41C, MSB 41TA

Table 4. EPD/EMS Blind Blanks With Elevated Results From General Engineering (cont.)

Analyte	Run Date	Result	Well Samples Accompanying Blanks
Total dissolved solids (cont.)	1/23/91	33,000 µg/L	MSB 23B, MSB 23TA, MSB 24
	1/25/91	27,000 µg/L	AMB 6, AMB 7, AMB 12D
	2/06/91	29,000 µg/L	ARP 3, FSB 76B, MSB 12B, MSB 12C, MSB 12TA, MSB 12TB, MSB 16A, MSB 18A, MSB 18C, MSB 64B, MSB 64C
	2/08/91	216,000 µg/L	KSS 1D, KSS 2D, KSS 3D, SRW 2, SRW 2A, SRW 2B, SRW 5, SRW 8, SRW 13A, SRW 13B, SRW 13C
	3/12/91	38,000 µg/L, 41,000 µg/L	P 28A, P 28TB, P 28TC, P 29C, P 29TA, P 29TC, SBG 1, SBG 2, SBG 3, SBG 4, SBG 5, SBG 6, SLP 1, SLP 2
	3/13/91	26,000 µg/L	IDB 9, IDP 10, IDQ 2, IDQ 5, IDQ 6, IDQ 7, IDQ 10, IDQ 11, IDQ 12, MSB 44C, TNX 2D
Total organic halogens	1/11/91	67 µg/L	MSB 33, MSB 33A, MSB 33TA, MSB 41A, MSB 41B, MSB 41C, MSB 74D
	2/11/91	39 µg/L	MSB 42A, MSB 82A, MSB 82B, MSB 82C, MSB 82D, MSB 82TA, SRW 14A, SRW 14C, SRW 15A, SRW 15B, SRW 16A,
Total phosphates (as P)	2/14/91	70 µg/L	MSB 77TA, MSB 85D, MSB 85TA, MSB 86C
Total silica	1/09/91	30,500 µg/L	MSB 15A
	1/10/91	18,000 µg/L	AC 3B
	1/11/91	29,400 µg/L	FSB 97A, MSB 33TA, MSB 41A, MSB 41B, MSB 41C, MSB 41TA
	1/16/91	16,000 µg/L	ACB 1A, ACB 2A, FSB 99A, MSB 61D
	1/21/91	48,000 µg/L	MSB 51B, MSB 72B
	1/22/91	10,500 µg/L	FSB 91D, HSB119A
	1/26/91	24,000 µg/L	HSB102D, MSB 7A, MSB 8B, MSB 8C, MSB 9A(R)
	1/31/91	640 µg/L	PCB 4A, MSB 52D
	2/02/91	162 µg/L	MSB 52D, PCB 4A
	2/02/91	260 µg/L	MSB 45A, MSB 48C, PRP 1A, PRP 2, PRP 3, PRP 4, PSS 2D, RRP 3, RRP 4
	2/11/91	160 µg/L	KAC 2, KAC 4, KAC 5, MSB 45B, MSB 48A, MSB 48B, MSB 48TA, MSB 66B, MSB 66C, MSB 66TA
	2/11/91	460 µg/L	CRP 2, CRP 3, CRP 4
	3/18/91	18,000 µg/L, 16,000 µg/L	P 28A, P 28TB, P 28TC, P 29C, P 29TA, P 29TC, SBG 1, SBG 2, SBG 3, SBG 4, SBG 5, SBG 6, SLP 1, SLP 2
	3/18/91	32,000 µg/L	IDB 9, IDB 10, IDQ 2, IDQ 5, IDQ 6, IDQ 7, IDQ 10, IDQ 11, IDQ 12, MSB 44C, TNX 2D
	3/19/91	13,000 µg/L	IDQ 3A, IDQ 3B, IDQ 3C, IDQ 4
	3/19/91	15,000 µg/L	SSS 19, SSS 20, SSS 22, SSS 23, SSS 25, SSS 26, SSS 27
	4/15/91	19,000 µg/L	FBP 3A, FBP 4, IDB 2A, IDB 2B, IDB 2C
Trichloroethylene	1/17/91	9 µg/L	HSB121A
Xylenes	2/20/91	1 µg/L	BRD 1, BRD 2, BRD 4, BRD 5D
Nonvolatile beta	2/19/91	1.5E-8 µCi/mL	BG 91, MSB 56D, MSB 84C, MSB 85B

A technical review of the quarter's analytical data identified at least one reported result for the analyses in Table 5 as high in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 5. General Engineering Samples With High Analytical Results as Compared to Historical Data

Analyte	Wells
Acetone	MCB 5C
Alkalinity	BG 95
Aluminum	BG 94, HSB 66, IDB 4, MSB 12C, MSB 15C, MSB 18A, MSB 31C, MSB 36TA
Arsenic	MSB 71B, KSS 1D
Barium	ABP 8C, ARP 4, FCB 3, KSS 2D, MSB 68B, MSB 85B, PCB 4A, SSS 23
Benzene	RWM 1
Bis(2-ethylhexyl) phthalate	MCB 7C
Cadmium	RSB 7, RSD 1
Calcium	ABP 8C, AMB 6, AMB 12D, AOB 2, ARP 2, CBR 2D, CSD 10D, DBP 1, MSB 39TA, MSB 40B, MSB 79C, MSB 85B, PRP 2, PSS 2D, RAC 2, SRW 16A
Carbon tetrachloride	AMB 4, MSB 14B, MSB 17A, MSB 39B, TBG 3
Chloride	DOB 4, TNX 2D
Chlorobenzene	RWM 1
Chloroethene (Vinyl chloride)	CRP 3, CMP 11B
Chloroform	DOB 2, DOB 3, LAC 4, SBG 6
Chromium	ASB 8A, CMP 11B, CSR 1, DCB 1A, DOB 2, FCB 3, IDB 1A, IDP 3B, IDP 3C, MSB 18B, MSB 72B, PAC 5, TBG 5B, TNX 2D, XSB 1D, YSC 5A
Cobalt	MCB 5C
Copper	FCB 3, FSS 4D, HSS 1D, IDB 1C, IDP 3B, IDP 3C, IDP 8, KSS 1D, KSS 2D, MSB 18B, MSB 31B, MSB 36A, MSB 39TA, SRW 6, SRW 8, SRW 12C, SRW 14B, SSS 17, YSB 1A
1,1-Dichloroethane	SRW 16A
1,2-Dichloroethane	CMP 11, CMP 12, HCA 4, SRW 12A, SRW 12B, SRW 12C, SRW 16C
1,1-Dichloroethylene	CRP 3, MSB 14A, RWM 1
Dichloromethane (Methylene chloride)	CBR 2D, CMP 8, CMP 8B, CMP 10, CMP 10B, CMP 11, CMP 11B (R), CMP 12, CMP 12A, CMP 14B, CSD 13D, FNB 4, LFW 26, MCB 2, MSB 55HC, MSB 55TA, MSB 85B, SRW 5, SRW 6, SRW 8, SRW 9A, SRW 11, SRW 12B, SRW 12C, SRW 13C, SRW 14B, SRW 14C, SRW 15B, SRW 16A, SRW 16B, SRW 16C
Ethylbenzene	LCO 4
Fluoride	CMP 14B, CMP 15B, HCA 2, MSB 10C, MSB 40A, MSB 68C
Iron	ACB 1A, AMB 9D, ASB 8A, ASB 9B, ASB 9C, BG107, BGO 11D, BRD 5D, CCB 4(R), CSD 1D, CSR 2, DCB 1A, FAC 3, FAC 8, FCB 3(R), HXB 2, IDB 1B, IDP 1, IDP 3C, IDP 5, IDP 7, KRP 2, KSS 1D, LAC 1, LAC 2, LCO 4, LFW 26, MSB 15AA, MSB 26B, MSB 31C, MSB 31CC, MSB 39TA, MSB 64C, MSB 68B, MSB 85B, MSB 85TA, MSB 86C, PAC 6, SBG 1, SBG 2, SCA 2, SRW 8, SRW 14B, SRW 16A, SSS 1, SSS 5, SSS 10, SSS 17, SSS 23, SSS 27, TBG 6, XSB 1D
Lead	BGO 35C, CMP 11, CMP 12, CSD 1D, CSD 12D(R), CSR 1, DOB 1, FCB 3(R), KAC 7, KSS 1D, LDB 1, LRP 2, MSB 15A, MSB 15C, MSB 39A, MSB 82C, MSB 86C, RRP 4, TBG 5
Magnesium	CMP 14C, CRP 3, FAC 3, HET 4D, IDB 1B, MSB 11F, MSB 79C, MSB 85B, MSB 85TA
Manganese	AOB 2, FAC 3, FCB 3(R), HWS 1A, HXB 2, LAC 1, MSB 15AA, MSB 55HC, MSB 85B, MSB 85TA, PRP 2, SSS 10, SSS 23, SSS 27

Table 5. General Engineering Samples With High Analytical Results as Compared to Historical Data (cont.)

Analyte	Wells
Mercury	ASB 9C, BRD 2, BRD 4, CSD 11D, MSB 11A, MSB 15C, MSB 40TA, PRP 1A, SCA 2, SRW 14C, SRW 15B, ZDT 1
Methylene chloride	SRW 2, SRW 5, SRW 8, SRW 9A, SRW 12B, SRW 12C, SRW 13C
Nickel	BG 107, MSB 31A, YSB 1A (R)
Nitrate	ACB 4A, DBP 1, IDQ 3C, KAB 4, PAC 2, PCB 4A, RSA 10, TNX 2D
Nitrite	CSD 1D
pH	MSB 38C
Phenols	ABP 8C, MSB 48C
Potassium	AMB 11D, MSB 64B, MSB 76C, SRW 16A
Selenium	KAC 7, KSS 1D, LCO 4
Silica	MSB 15D, MSB 31CC, MSB 73B
Silver	ABP 1A, ASB 8A, MCB 4
Sodium	AOB 1, AOB 2, ARP 1A, ARP 2, ARP 3, HXB 3, MSB 79C, RDB 2D(R)
Specific conductance	IDQ 3C
Sulfate	ACB 4A, ARP 3, ASB 1A, ASB 6A, CBR 2D, CSO 1, CSR 1, DOB 1, DOB 2, FNB 4, FSS 4D, HAC 1, HAC 2, HAC 3, HCA 2, IDQ 3C, KAB 4, KDT 1D, LDB 1, LDB 2, MSB 17A, MSB 18C, MSB 29B, MSB 29C, MSB 29D, MSB 29TA, MSB 31B, MSB 36A, MSB 36B, MSB 39C, MSB 40A, MSB 68C, PAC 3, PAC 4, PCB 4A, PDB 2, PDB 3, SRW 3A, SSS 3, SSS 26, TBG 1(R), TBG 4, TBG 6, XSB 1D
Tetrachloroethylene	ABP 3, AMB 4, BRD 2, BRD 4, BRD 5D, CRP 2, CRP 4, LAC 1, MCB 6, MSB 13A, MSB 15A, MSB 19A, MSB 39A, MSB 39D, MSB 48B, MSB 68C, MSB 74D, SRW 2B, SRW 5, SRW 9B
Tin	MSB 43B
Toluene	LCO 4, MSB 55HC, SRW 13A, SRW 16A, TBG 1
Total dissolved solids	ACB 4A, AOB 1, ARP 1A, ARP 2, ARP 3, ASB 1A, CMP 8A, DBP 2, HSB 66, LAC 1, LFW 26, MSB 19C, MSB 43TA, MSB 64B, PCB 4A, SBG 3, SBG 6
Total organic carbon	MCB 6, MSB 17BB, MSB 79B
Total organic halogens	ABP 3C, AMB 8D, ARP 1A, ARP 4, BGO 11D, BRD 2, CBR 2D(R), CMP 12, CSA 4, CSO 1, CSR 1(R), CSR 3, FCB 3(R), FNB 4, FNB 4(R), FSB 76B, HSB 66, HWS 1A, HXB 1, KAC 2, LAC 1, LFW 26(R), MSB 6A, MSB 9A, MSB 9B, MSB 9C, MSB 11B, MSB 12B, MSB 15A, MSB 18A, MSB 19A, MSB 20A, MSB 21B, MSB 43B, MSB 48B, MSB 55C, MSB 67B, MSB 74C, MSB 74D, MSB 82C, MSB 85B, PAC 2, PCB 4A, PDB 2, PSS 2D, RAC 2(R), RDB 2D(R), RRP 1, RRP 3, RRP 4, RWM 1, SSS 2, SSS 23, SSS 26, SRW 15B, SRW 16A, TBG 5B, XSB 1B
Total phosphates (as P)	IDQ 4, MSB 47BB, MSB 74B, MSB 75B, MSB 76C
1,1,1-Trichloroethane	ASB 9B
1,1,2-Trichloroethane	RWM 1
Trichloroethylene	AMB 4, BRD 2, BRD 4, BRD 5D, CRP 1, CRP 2, CRP 3, CRP 4, HSB121A, LAC 1, MCB 6, MSB 10B, MSB 11C, MSB 13A, MSB 17B, MSB 31A, MSB 40C, MSB 74C, PRP 2, SRW 2B
Trichlorofluoromethane	CMP 12, HCA 1, HCA 2
Turbidity	FAC 4, FAC 8, HAC 4
Zinc	ASB 6A, BG 110, IDP 3B, IDQ 4, MCB 6C, MSB 17A
Gross alpha	ABP 1A, MSB 36A, MSB 36B, PCB 4A, SRW 16A
Nonvolatile beta	CMP 10, DCB 1A, HAP 1(R), MSB 31CC, MSB 36B, MSB 49A, MSB 53B, MSB 64C, MSB 79C, PCB 4A, SBG 4, SRW 7, SRW 12B, SRW 16A, XSB 1A

Table 5. General Engineering Samples With High Analytical Results as Compared to Historical Data (cont.)

Analyte	Wells
Total radium	ACB 2A, ACB 4A, CCB 4(R), CSO 1, DCB 1A, KAC 2, MSB 10C, MSB 11F, MSB 12B, MSB 15A, MSB 17A, MSB 21TA, MSB 29B, MSB 31C, MSB 36B, MSB 36C, MSB 39B, MSB 39C, MSB 49A, MSB 74B, MSB 79B, MSB 82C, SCA 1, SSS 1, SSS 2
Tritium	ABP 8C, BG 91, BG 122, BGO 11D, FSB 99A, HXB 1, IDB 1A, LAC 1, LSB 3(R), MSB 9B, MSB 10C, MSB 21C, MSB 29C, MSB 36C, MSB 55C, MSB 55HC, MSB 69C, MSB 74D, MSB 86C, YSB 1A(R)

A technical review of the quarter's analytical data identified at least one result of the analyses in Table 6 as low in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 6. General Engineering Samples With Low Analytical Results as Compared to Historical Data

Analyte	Wells
Alkalinity	IDQ 3C
Aluminum	FSB 76B, IDB 1B, IDQ 6
Barium	ARP 1A, ARP 3, FAC 8, KAB 2, MSB 74B
Cadmium	DCB 1A
Calcium	CSO 1, HET 2D, KAB 2, MCB 5C, MCB 7C, MSB 9C, MSB 19C, MSB 40TA, PSS 3D
Carbon tetrachloride	XSB 1D
Chloride	DCB 1A, SRW 16A
Chloroform	TBG 4
Copper	HCB 2, SRW 9
Cyanide	MSB 15C
Disssolved organic carbon	CSD 1D
Iron	ABW 1, AOB 1, ARP 2, ARP 3, HSB 66, MSB 9A, MSB 13A, MSB 18A, MSB 18B, MSB 19C, MSB 68D, MSB 74B, MSB 74C, MSB 76C, MSB 79B, MSB 79C, RWM 1
Lead	KAC 1, MSB 19C, MSB 55HC, MSB 79C
Lindane	CSD 13D
Magnesium	KAB 2, MSB 19C, SRW 12B
Manganese	ACB 3A, DOB 1, KAB 2, MSB 11D, MSB 74C, PAC 3
Mercury	CSD 1D, FAC 3
Nitrate	DBP 4, DCB 1A, MSB 55C, SCA 1, SRW 16A, SSS 3, XSB 1A
Phenols	IDB 1B, MSB 55HC
Potassium	FSB 99A, KAB 2
Silica	ABP 2A
Specific conductance	FSS 1D, IDB 2B, KAB 2
Sulfate	BG 94, CMP 8A, FAC 3, FAC 4(R), FAC 5, KAB 2, MSB 31CC, MSB 55HC, MSB 79, XSB 1B(R)
Tetrachloroethylene	DOB 1, DOB 2, LRP 3
Toluene	MSB 74C
Total carbon	IDQ 2
Total dissolved solids	ABW 1, ACB 1A, BG 92, BGO 11D, BRD 1, BRD 2, BRD 4, CCB 4, CMP 15C, CSR 3, CSR 4, DOB 3, KAB 2, KRP 1, LFW 26(R), MSB 10A, MSB 13A, MSB 15D, MSB 17D, MSB 19B, MSB 29C, MSB 29TA, MSB 31CC, MSB 39TA, MSB 43A, MSB 49A, MSB 53B, MSB 70C, MSB 72B, PRP 2, PRP 4, SBG 2, SCA 1, SCA 2, SRW 9B, SRW 11, SRW 12C, SSS 1, SSS 17, SSS 22, SSS 23, SSS 27

Table 6. General Engineering Samples With Low Analytical Results as Compared to Historical Data (cont.)

Analyte	Wells
Total inorganic carbon	IDQ 2
Total organic carbon	ASB 8TA, CSD 1D, DOB 2, FAC 6, MCB 7C, MSB 10C, MSB 17D, MSB 47BB, MSB 48B, MSB 67D, MSB 68D, SSS 1, SSS 3
Total organic halogens	CSD 7D, DBP 2, DBP 2(R), DCB 1A, LCO 4(R), MCB 4, MSB 11D,MSB 36B, SRW 6, SRW 7, SRW 10, XSB 1D
Total phosphates	CSD 1D, FCB 3(R), IDQ 3C, MSB 40C, MSB 85TA, PCB 4A, PRP 1A, PRP 2, PRP 3, PRP 4, SBG 3, SRW 14C, SRW 15B, SRW 15C, SRW 16A, SRW 16B, SSS 5, TBG 5, TBG 6
Tributyl phosphate	FSB 97C
1,1,1-Trichloroethane	MSB 17B
Trichloroethylene	ABP 8C, DOB 2, MCB 2
Vanadium	IDQ 6
Zinc	MCB 7C
Gross alpha	ACB 1A, HCB 2, KAB 3, KAB 4, SRW 14A, SSS 27, TBG 3
Nonvolatile beta	ACB 1A, IDP 3C
Total radium	KAB 3, KSS 2D, SBG 1, SSS 5, SSS 10

Table 7 lists the reasons General Engineering did not perform certain analyses on samples from wells that were not dry.

Table 7. Analyses Not Performed by General Engineering

Wells	Analytes	Reason
ABP 1A, ABP 2A, ABP 3, ABP 4, ABP 8C, ASB 3C, ASB 10C, BRD 1, BRD 2, BRD 4, BRD 5D, MCB 2, MCB 4, MCB 5, MCB 5C, MCB 6C, MCB 7C, MSB 29A, MSB 29B, MSB 29C, MSB 29D, MSB 29TA, MSB 43A, MSB 43B, MSB 43D, MSB 43TA	Sodium	Not on chain-of-custody form
ABP 8C	Appendix IX dioxins/furans and App. IX herbicides	Insufficient water for complete sample collection
ABP 8D	All scheduled analyses	Would not pump water to surface
AMB 4, SSS 6	Endrin, lindane, methoxychlor, toxaphene, 2,4-D, silvex	Insufficient water for complete sample collection
ASB 6TA, CDB 1, CDB 2, RSF 1, RSF 2, RSF 3, XSB 2D, XSB 3A, XSB 4D, XSB 5A, Z 9, ZBG 2	All scheduled analyses	Cancelled by EPD/EMS due to problems with other lab's contract
BG 103	All scheduled analyses	No access due to railroad spur
CSD 13D	Nitrite as nitrogen	Laboratory performed nitrate analysis

Table 7. Analyses Not Performed by General Engineering (cont.)

Wells	Analytes	Reason
FAC 3, MSB 15C, SSS 4, SSS 19	Gross alpha, nonvolatile beta, total radium, endrin, lindane, methoxychlor, toxaphene, 2,4-D, silvex	Insufficient water for complete sample collection
HR8 14	All scheduled analyses	Samplers not allowed entry into RCRA area; sample canceled by EPD/EMS
MCB 6	Gross alpha, nonvolatile beta, total radium, and the following Appendix IX analyses: sulfide, acid/base/neutral extractables; PCBs, pesticides, herbicides, and dioxins/furans	Insufficient water for complete sample collection
MSB 13B	Chloride, specific conductance, fluoride, total phosphates, sulfate, total dissolved solids, pH, gross alpha, nonvolatile beta, total radium, tritium, endrin, lindane, methoxychlor, toxaphene, 2,4-D, silvex	Insufficient water for complete sample collection
MSB 13CC	Chromium, titanium, phenols (scheduled for January sampling)	Well not ready for sampling
MSB 15C, SSS 4	Gross alpha, nonvolatile beta, total radium, endrin, lindane, methoxychlor, toxaphene, 2,4-D, silvex	Insufficient water for complete sample collection
MSB 37D, RWM 12	All scheduled analyses	No pump in well
MSB 52D	Nitrate, phenols, chloride, specific conductance, fluoride, total phosphates, sulfate, total dissolved solids, pH, gross alpha, nonvolatile beta, total radium, tritium, endrin, lindane, methoxychlor, toxaphene, 2,4-D, silvex	Insufficient water for complete sample collection
MSB 83A	All scheduled analyses	Well not installed
SSS 7, SSS 8, SSS 9	All scheduled analyses	Access to wells washed out
SSS 20	All scheduled analyses other than total organic halogens	Insufficient water for complete sample collection
TBG 1, XSB 1B	Gamma PHA, Am-241, Pu-238, Pu-239, Th-228, Th-230, Th-232, U-234, U-235, U-238, Ra-226, Ra-228, Sr-89, Sr-90	Sample originally scheduled for IT; switched to GE after contract cancellation
TBG 4, TBG 5	Total dissolved solids	Insufficient water for complete sample collection

Table 7. Analyses Not Performed by General Engineering (cont.)

Wells	Analytes	Reason
YSC 1A	All scheduled analyses	Unable to sample; well casing damaged by lightning
ZW 8	All scheduled analyses	Samplers were unable to locate well; sampling was canceled by EPD/EMS

Review of IT Analytical Services' Analytical Data

Samples from the following 37 wells were analyzed after the 48-hour holding time for turbidity because the laboratory received the samples after the holding time expired.

BGO 1D	BGO 26D	BGO 31D	BGO 36D	HSB 65A
BGO 2D	BGO 27C	BGO 32D	BGO 37C	HSB 65B
BGO 6C	BGO 27D	BGO 33C	BGO 37D	HSB 65C
BGO 6D	BGO 28D	BGO 33D	BGO 38D	HSB 85A
BGO 9D	BGO 29A	BGO 34D	BGO 39D	HSB 85B
BGO 25A	BGO 30C	BGO 35C	FAC 4	HSB 85C
BGO 15D	BGO 30D	BGO 35D	HSB 65	LFW 22
BGO 26A	BGO 31C			

Samples from the following 11 wells were analyzed after the 7-day holding time for total dissolved solids because the laboratory received them after the holding time expired: FSB 94C, FSB 97A, HSB100D, HSB106C, HSB127C, HSB135D, PSB 2A, PSB 3A, PSB 4A, PSB 6A, and PSB 7A.

Samples from the following 11 wells were analyzed after the 7-day holding time for total organic halogens because the laboratory received them after the holding time expired: FSB 94C, HSB100D, HSB101D, HSB106C, HSB106D, PSB 1A, PSB 2A, PSB 3A, PSB 4A, PSB 6A, and PSB 7A.

Samples from FSB 79B, HSB100D, HSB106C, and HSB106D were extracted past the 7-day holding time for herbicides because the laboratory received the samples after the holding time expired.

Samples from ABP 1A were extracted after the 7-day holding time for Appendix IX herbicides, although the laboratory received them before the holding time expired.

Samples for the following 69 wells were extracted past the 7-day holding time for herbicides, although the laboratory received the samples before the holding time expired.

BG 94	CSB 5A	FCB 3	FSB113A	FSB120C
BGO 15D	CSB 6A	FET 2D	FSB113C	FSB122D
BGO 28D	DCB 10	FNB 1	FSB113D	FSB123C
BGO 30C	DCB 11	FNB 2	FSB114A	FSB123D
BGO 31C	DCB 12	FSB 94DR	FSB114C	HSB 71C
BGO 31D	DCB 13	FSB 95CR	FSB114D	HSB110D
BGO 33C	DCB 15	FSB 95DR	FSB115C	HSB113C
BGO 35D	DCB 16	FSB 96AR	FSB115D	HSB113D
BGO 37D	DCB 8	FSB 99C	FSB116C	HSB114D
CSB 3A	DCB 9	FSB105DR	FSB116D	HSB115C
CSB 4A	FCB 2	FSB112A	FSB118D	HSB115D

HSB116C	HSB126D	HSB 70C	HSB 86D	LSB 1
HSB116D	HSB128D	HSB 71	KSB 3	LSB 4
HSB117D	HSB 70	HSB 86C	KSB 4A	

The sample for sulfide from LFW 22 was analyzed after the 7-day holding time, although the laboratory received it before the holding time expired.

Samples from FSB 94C, HSB145C, HSB145D, and NBG 2 were analyzed or reanalyzed past the 14-day holding time for GCMS VOA, although the laboratory received the samples before the holding time expired. In addition, FSB 76B(R) and FSB 76C were reanalyzed 1 day outside holding time for an unspecified reason, and HSB131D was reanalyzed late due to a high surrogate recovery.

Samples from MSB 47C and MSB 72B were analyzed after the 14-day holding time for GC VOA, although the laboratory received them before the holding time expired.

Samples from the following 194 wells were analyzed past the 7-day holding time for total dissolved solids, although the laboratory received the samples before the holding time expired.

ABP 1A	FSB 91D	FSB123D	HSB104D	HSB143C
AOB 1	FSB 93C	GBW 1	HSB105C	HSB143D
ARP 2	FSB 97C	HR3 11	HSB105D	HSB145C
ASB 7	FSB 97D	HR3 13	HSB107C	HSB145D
BG 94	FSB 98A	HR8 11	HSB107D	HSB147D
BGO 1D	FSB 98C	HR8 12	HSB111C	HSB148C
BGO 30C	FSB 98D	HR8 13	HSB111D	HSB148D
BGO 33C	FSB100A	HSB 1TB	HSB112C	HSB149D
BGO 33D	FSB101A	HSB 65	HSB112D	HSB150D
BGO 37C	FSB102C	HSB 65A	HSB112E	HSB151C
BGO 37D	FSB103C	HSB 65B	HSB116C	HSB151D
BGO 38D	FSB104C	HSB 65C	HSB116D	HSB152C
BGO 39D	FSB104D	HSB 66	HSB119A	HSB152D
CBR 1D	FSB105C	HSB 67	HSB124A	IDB 1C
CBR 2D	FSB106C	HSB 68	HSB125C	KSB 4A
CBR 3D	FSB106D	HSB 68A	HSB126D	KSB 1
CCB 1	FSB107C	HSB 68B	HSB129C	LFW 7
CCB 2	FSB107D	HSB 68C	HSB129D	LFW 8
CCB 3	FSB108D	HSB 69A	HSB131C	LFW 16
CCB 4	FSB109D	HSB 70	HSB131D	LFW 22
CSR 1	FSB110C	HSB 71C	HSB132C	LFW 23
FAC 4(R)	FSB110D	HSB 83A	HSB132D	LFW 24
FSB 1TA	FSB111C	HSB 83B	HSB133C	LFW 25
FSB 76	FSB111D	HSB 83C	HSB133D	LFW 26
FSB 76A	FSB113A	HSB 83D	HSB135C	LFW 27
FSB 76B	FSB113C	HSB 84A	HSB139A	LFW 29
FSB 76C	FSB113D	HSB 84C	HSB139C	LFW 30
FSB 77	FSB115C	HSB 84D	HSB139D	MSB 9A
FSB 78	FSB115D	HSB 85A	HSB140A	MSB 12B
FSB 78C	FSB116C	HSB 85B	HSB140C	MSB 32
FSB 79	FSB116D	HSB 85C	HSB140D	MSB 47C
FSB 88C	FSB118D	HSB102C	HSB141A	P 26A
FSB 88D	FSB120A	HSB102D	HSB141C	P 26B
FSB 90C	FSB120D	HSB103C	HSB141D	P 26D
FSB 90D	FSB121C	HSB103D	HSB142C	PCB 1A
FSB 91C	FSB123C	HSB104C	HSB142D	PCB 2A

PCB 3A	PSS 2D	RDB 3D	YSB 1A	YSB 4A
PCB 4A	RDB 1D	RSE 24	YSB 2A	YSC 5A
PSB 5A	RDB 2D	RSE 25	YSB 3A	

Samples from the following 282 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 1A	CCB 3	FSB106C	HSB104D	KSB 2
AOB 1	CCB 4	FSB106D	HSB105D	KSB 3
ARP 2	CSB 1A	FSB107C	HSB107C	KSB 4A
BG 94	CSB 2A	FSB107D	HSB107D	LCO 1
BGO 1D	CSB 3A	FSB110D	HSB111C	LCO 2
BGO 2D	CSB 4A	FSB112A	HSB111D	LCO 3
BGO 9D	CSB 5A	FSB112D	HSB112C	LCO 4
BGO 10A	CSB 6A	FSB113A	HSB112D	LFW 6
BGO 10C	CSD 12D	FSB113C	HSB112E	LFW 7
BGO 11D	CSO 1	FSB113D	HSB117A	LFW 8
BGO 12A	CSO 2	FSB114A	HSB117C	LFW 10A
BGO 12D	CSR 1	FSB114C	HSB117D	LFW 16
BGO 13D	DBP 2	FSB114D	HSB128D	LFW 17
BGO 14A	DCB 1A	FSB115C	HSB129C	LFW 18
BGO 14C	DCB 2A	FSB115D	HSB129D	LFW 19
BGO 15D	DCB 3A	FSB116C	HSB131C	LFW 20
BGO 20D	DCB 4A	FSB116D	HSB131D	LFW 21
BGO 21D	DCB 5A	FSB118D	HSB139C	LFW 22
BGO 25A	DCB 6	FSB120A	HSB140A	LFW 23
BGO 26A	DCB 7	FSB120C	HSB140C	LFW 24
BGO 26D	FAC 4	FSB120D	HSB140D	LFW 25
BGO 27C	FCB 2	FSB121C	HSB141A	LFW 26
BGO 27D	FCB 3	FSB122D	HSB141C	LFW 27
BGO 28D	FCB 5	FSB123C	HSB141D	LFW 28
BGO 29A	FNB 1	FSB123D	HSB142C	LFW 29
BGO 30C	FNB 2	FTF 18(R)	HSB142D	LFW 30
BGO 30D	FNB 3	FTF 23(R)	HSB143C	LFW 31
BGO 31C	FNB 4	HAP 1	HSB143D	LFW 32
BGO 31D	FSB 1TA	HCA 4	HSB145C	LFW 33
BGO 32D	FSB 76	HCB 1	HSB145D	LFW 34
BGO 33C	FSB 78C	HCB 2	HSB147D	LFW 35
BGO 33D	FSB 90C	HCB 3	HSB148C	LFW 36
BGO 34D	FSB 90D	HR3 11	HSB148D	LFW 37
BGO 35C	FSB 91C	HR3 13	HSB149D	LFW 38
BGO 35D	FSB 93C	HR8 11	HSB150D	LFW 39
BGO 36D	FSB 91D	HR8 12	HSB151C	LFW 40
BGO 37C	FSB 94C	HR8 13	HSB151D	LFW 41
BGO 37D	FSB 94DR	HSB 1TB	HSB152C	LFW 42
BGO 38D	FSB 95CR	HSB 68	HSB152D	LSB 1
BGO 39D	FSB 95DR	HSB 68C	HTF 10	LSB 2
BRR 1D	FSB 97C	HSB 71	HTF 11	LSB 3
BRR 2D	FSB 97D	HSB 71C	HTF 12	LSB 4
BRR 3D	FSB 98C	HSB 79C	HTF 16	MSB 12B
BRR 4D	FSB 98D	HSB 84D	HTF 17	MSB 20A
BRR 5D	FSB102C	HSB 85C	HTF 9	MSB 37C
CBR 1D	FSB103C	HSB 85B	KAB 3	MSB 42B
CBR 2D	FSB104C	HSB102C	KCB 1	MSB 43B
CBR 3D	FSB104D	HSB102D	KCB 3	MSB 55C
CCB 1	FSB105C	HSB103D	KCB 4	MSB 56B
CCB 2	FSB105DR	HSB104C	KSB 1	MSB 56D

PCB 1A	PSB 4A	RDB 3D	TNX 6D	YSB 1A
PCB 2A	PSB 5A	RSE 24	TNX 7D	YSB 2A
PCB 3A	PSB 6A	RSE 25	TNX 8D	YSB 3A
PCB 4A	PSB 7A	SRW 3A	TNX 9D	YSB 4A
PSB 2A	PSS 2D	TNX 3D	TNX 10D	
PSB 1A	RDB 1D	TNX 4D	TNX 11D	
PSB 3A	RDB 2D	TNX 5D	TNX 12D	

Samples from the following 7 wells were analyzed past the 14-day holding time for cyanide, although the laboratory received them before the holding time expired: BGO 1D, BGO 38D, BGO 39D, FSB103C, FSB104C, HSB 84C, and HSB 84D.

Samples from the following 8 wells were analyzed past the 48-hour holding time for turbidity, although the laboratory received them before the holding time expired: BGO 16A, BGO 18A, BGO 18D, BGO 20D, BGO 21D, BGO 22D, BGO 23D, and LFW 26.

Samples from the following 19 wells were analyzed past the 28-day holding time for total phosphates as phosphorus, although the laboratory received them before the holding time expired.

BGO 2D	HSB 1TB	HSB141A	HSB145D	HSB150D
CSO 1	HSB140A	HSB143C	HSB148C	HSB151C
CSO 2	HSB140C	HSB143D	HSB148D	HSB151D
FSB 1TA	HSB140D	HSB145C	HSB149D	

Samples from the following 52 wells were analyzed past the 28-day holding time for phenols, although the laboratory received them before the holding time expired.

BGO 9D	BGO 29A	BRR 3D	FSB117D	P 26D
BGO 10A	BGO 30C	BRR 4D	FSB119D	PSB 1A
BGO 10C	BGO 30D	BRR 5D	FSB122C	PSB 2A
BGO 11D	BGO 31C	CSO 1	HSB117C	PSB 3A
BGO 15D	BGO 31D	CSO 2	HSB128D	PSB 4A
BGO 25A	BGO 32D	FSB 94C	KSB 1	PSB 6A
BGO 26A	BGO 34D	FSB112C	KSB 3	PSB 7A
BGO 26D	BGO 35D	FSB112D	KSB 4A	YSC 5A
BGO 27C	BGO 36D	FSB114A	MSB 42B	
BGO 27D	BRR 1D	FSB114C	P 26A	
BGO 28D	BRR 2D	FSB114D	P 26B	

Samples from the following 112 wells were analyzed past the 28-day holding time for total organic carbon, although the laboratory received them before the holding time expired.

BG 94	BGO 30D	CCB 2	DCB 15	FSB113D
BGO 6A	BGO 31C	CCB 3	DCB 16	FSB114A
BGO 6D	BGO 31D	CCB 4	FAC 4	FSB114C
BGO 10A	BGO 32D	CMP 11B	FNB 3	FSB114D
BGO 10C	BGO 33C	CSB 1A	FNB 4	FSB115C
BGO 11D	BGO 33D	CSB 2A	FSB 94DR	FSB115D
BGO 12A	BGO 35C	CSB 3A	FSB 95CR	FSB116C
BGO 12D	BGO 35D	CSB 4A	FSB 95DR	FSB116D
BGO 13D	BGO 37C	CSB 5A	FSB 96AR	FSB118D
BGO 14C	BGO 37D	CSR 1	FSB105DR	FSB119D
BGO 15D	CBR 1D	DCB 10	FSB106D	FSB120A
BGO 27D	CBR 2D	DCB 11	FSB112A	FSB120C
BGO 28D	CBR 3D	DCB 12	FSB113A	FSB120D
BGO 30C	CCB 1	DCB 13	FSB113C	FSB121C

FSB122D	HSB140D	HSB151C	LFW 25	LSB 4
FSB123C	HSB141A	HSB151D	LFW 26(R)	MSB 55C
FSB123D	HSB143C	KSB 1	LFW 28	NBG 1
HSB 71	HSB143D	KSB 3	LFW 30	NBG 2
HSB 71C	HSB145C	KSB 4A	LFW 31	SBG 2
HSB117A	HSB148C	LFW 16	LFW 32	SRW 3A
HSB117D	HSB148D	LFW 22	LFW 33	
HSB128D	HSB149D	LFW 23	LFW 35	
HSB140C	HSB150D	LFW 24	LSB 1	

Samples from ABP 1A(R) and BGO 15D were extracted for bases/neutrals/acids after the 7-day extraction time, although the laboratory received the samples before the holding time expired.

Samples from the following 18 wells were analyzed past the 28-day holding time for chloride, fluoride, and sulfate, although the laboratory received the samples before the holding time expired.

BGO 6C	FSB 1TA	HSB140D	LFW 22	NBG 5
BGO 6D	HSB 1TB	HSB143D	NBG 1	SBG 2
FAL 1	HSB140A	HSB145D	NBG 2	
FCB 4	HSB140C	KSB 3	NBG 3	

In addition, DBP 2 was reanalyzed outside of holding time.

Samples from CSD 12D, DCB 6, and DCB 7 were analyzed past the 28-day holding time for dissolved organic carbon, although the laboratory received the samples before the holding time expired.

The sample from LFW 22 was analyzed past the 28-day holding time for iodine, although the laboratory received the sample before the holding time expired.

Samples from the following 5 wells were analyzed past the 28-day holding time for nitrate, although the laboratory received the samples within the holding time: BRR 1D, FNB 4(R), FSB 76A, FSB 76C, and SBG 2. In additional, BGO 32D and MSB 55C were reanalyzed outside of holding time for an unspecified reason.

The samples from the following 6 wells were extracted past the 7-day holding time for pesticides, although the laboratory received the sample before the holding time expired: BGO 15D, BGO 28D, FCA 19D, KSB 3, KSB 4A, and HSB138D.

Samples from BG 94 and DCB 7 were analyzed past the 28-day holding time for total carbon and for inorganic carbon, although the laboratory received the samples before the holding time expired.

The samples from the following wells were filtered before being analyzed for gross alpha: FTF 4, FTF 7, FTF 18, FTF 24A, FTF 25A, FTF 26, and FTF 27.

IT Analytical Services was unable to obtain accurate results for cerium-141 when analyzed with uranium-235, due to interference, for wells FSB 79C and FSB110D.

Matrix interference caused differing chloride values between sample FSB105C and its laboratory duplicate.

The following internal laboratory blanks showed elevated results. These results were confirmed by IT Analytical Services after review of the laboratory's records. The samples that accompanied the laboratory blanks in their respective analytical batches are listed in Table 8. Sample ERA191P is a purchased quality control standard.

Table 8. IT Analytical Services Laboratory Blanks With Elevated Results

Analyte	Run Date	Result	Well Samples Accompanying Blind Blanks
Acetone	2/09/91	18 µg/L	BGO 25A, BGO 26A, BGO 26D, BGO 27C, BGO 29A, BGO 34D, BGO 36D, MSB 43B
1,1,1-Trichloroethane	2/26/91	7.0 µg/L	CSB 3A, CSB 4A, CSB 5A, CSB 6A, FNB 1, FNB 2, LFW 41, LFW 42
Vanadium	2/20/91	1.3 µg/L	ERA191P
Thorium-232	3/31/91	1.4E-8 ± 2E-9 µCi/mL	BG 91, BG 92, BG 94, BG 95, BG 96, BGO 15D, BGO 35C(R), FSB112A, FSB112C, FSB112D, FSB114A, FSB114C, FSB114D, FSB117D, FSB119D, FSB120C, FSB122C
Uranium-238	3/31/91	4.5E-7 ± 5E-8 µCi/mL	BG 91, BG 92, BG 94, BG 95, BG 96, BGO 15D, BGO 35C(R), FSB112A, FSB112C, FSB112D, FSB114A, FSB114C, FSB114D, FSB117D, FSB119D, FSB120C, FSB122C
	4/18/91	4.2E-7 ± 5E-8 µCi/mL	ASB 4, ASB 10C, FSB113A, FSB113C, FSB113D, FSB115C, FSB115D, FSB116C, FSB116D, FSB118D, FSB123C, FSB123D, HCA 1, HCA 2, HCA 4(R)
	5/17/91	4.5E-7 µCi/mL	IDB 2A, IDB 2B, IDB 2C, P 26A, P 26B, LL 107, P 26D

After reviewing the records, IT Analytical Services did not find anything wrong with the following EPD/EMS blind blanks that showed elevated results. Table 9 contains a list of the samples that accompanied the blind blanks in their respective analytical batches.

Table 9. EPD/EMS Blind Blanks With Elevated Results From IT Analytical Services

Analyte	Run Date	Result	Samples Accompanying Blanks
Aluminum	2/27/91	142 µg/L	ABP 1A, ASB 7, PSB 1A, PSB 2A, PSB 3A, PSS 2D
Cyanide	3/15/91	12.3 µg/L	BGO 22D, HSB141C, HSB141D, HSB142C, HSB142D, HSB147D, HSB152C, HSB152D
Manganese	2/27/91	75.7 µg/L	ABP 1A, ASB 7, PSB 1A, PSB 2A, PSB 3A, PSS 2D
Nitrate as nitrogen	3/21/91	3,200 µg/L	FTF 3, FTF 4, FTF 7, FTF 12, FTF 15, FTF 16, FTF 17, FTF 18, FTF 19, FTF 20, FTF 21, FTF 22, FTF 23, FTF 24A, FTF 25A, FTF 26, FTF 27
Oil & grease	3/08/91	4,700 µg/L	HAP 1, HCB 1, HCB 2, HCB 3
pH	2/08/91	8.22	BGO 35C, HSB117A, MSB 55C, SRW 3A
Phenols	3/11/91	32 µg/L, 15.4 µg/L	FNB 3, LFW 21, LFW 26, LFW 27, LFW 29, LFW 30, LFW 34, LFW 36, LFW 37, LFW 38, LFW 39, LFW 40, LFW 41, LFW 42
Silica	1/11/91	38,200 µg/L	HSB100C, HSB101C, HSB122A, HSB123A, HSB131D
	1/21/91	22,100 µg/L	FSB 78A, FSB 79A, FSB 79B, FSB 97C, FSB 97D, HSB104D, HSB136C, HSB136D, HSB137C
	1/22/91	36,900 µg/L	FSB 87C, FSB 89D, FSB 99A, FSB 99D, HSB86A, HSB 86B, HSB 86D, HSB108D, HSB108C, HSB109D, HSB110D, HSB116C, HSB116D, HSB126C, HSB126D, HSB134D

Table 9. EPD/EMS Blind Blanks With Elevated Results From IT Analytical Services (cont.)

Analyte	Run Date	Result	Samples Accompanying Blanks
Silica (cont.)	1/23/91	13,200 µg/L	FSB 99C, FSB100A, FSB101A, HSB 68A, HSB 70C, HSB 84A, HSB 84B, HSB 86C, HSB 86D, HSB113C, HSB113D, HSB114C, HSB114D, HSB115C, HSB115D
	3/22/91	1,100 µg/L	CMP 11B, FSB 96AR, LFW 21, LFW 26, LFW 27, LFW 29, LFW 34, LFW 36, LFW 37, LFW 38, LFW 39, LFW 40, LFW 41, LFW 42
	3/25/91	579 µg/L	CSB 6A, DCB 8, DCB 9, DCB 10, DCB 11, DCB 12, DCB 13, DCB 15, DCB 16, FCB 2, FCB 3, FET 2D, FNB 1, FNB 2, HCA 4
	3/26/91	2,660 µg/L	BGO 6A, BGO 6C, FAL 1, FAL 2, FCA 10A, FCA 16A, FCA 19D, FCB 4, FSB 94DR, FSB 95CR, FSB 95DR, FSB105DR, NBG 3, NBG 4, NBG 5
	4/12/91	15,000 µg/L	BGO 6D, BRR 1D, BRR 2D, BRR 3D, BRR 4D, BRR 5D, HSB145D, NBG 1, SBG 2
	4/25/91	13,100 µg/L, 17,300 µg/L	IDB 1C, P 26A, P 26B, P 26D, RSE 24, RSE 25, YSC 5A
Sodium	2/27/91	750 µg/L	ABP 1A(R), ASB 7(R), PSB 1A, PSB 2A, PSB 3A, PSS 2D
Specific conductance	2/27/91	1,440 µS/cm	BGO 9D, BGO 15D, BGO 25A, BGO 26A, BGO 26D, BGO 27C, BGO 28D, BGO 29A, BGO 30C, BGO 30D, BGO 31D, BGO 32D, BGO 34D, BGO 36D, FSB119D, HSB128D, MSB 42B
Total carbon	3/29/91	1,390 µg/L, 1,480 µg/L, 1,250 µg/L	BG 94
Total dissolved solids	1/11/91	53,000 µg/L, 43,000 µg/L	FSB 78A, FSB 79A, FSB 79B, FSB 87A, FSB 92D, FSB 97C, FSB 97D, HSB 69, HSB104C, HSB104D, HSB127D, HSB131C, HSB131D, MSB 28
	1/15/91	89,000 µg/L	FSB 99A, FSB 99D, HSB 86A, HSB 86B
	1/24/91	51,000 µg/L	FSB 78C, FSB 88C, FSB 90D, FSB100A, FSB101A, FSB103C, FSB104C, FSB104D, FSB110D, HSB 68A, HSB 68B, HSB 84A, HSB 84D, HSB103D, HSB105C, HSB129D, HSB139A, HSB139D, MSB 32, MSB 47C
	2/23/91	52,000 µg/L	LFW 30, LFW 38, LFW 39, LFW 40, LFW 41, LFW 42
	3/07/91	28,000 µg/L	BGO 6D, BRR 1D, BRR 2D, BRR 3D, BRR 4D, BRR 5D, FAL 1, FAL 2, FCA 10A, FCA 16A, FCA 19D, FCB 4, NBG 1, NBG 2, NBG 3, NBG 4, NBG 5
1,1,1-Trichloroethylene	1/17/91	3 µg/L	HSB 83B, HSB100C, HSB122A, HSB123A, HSB125C, HSB133D
	1/17/91	4 µg/L	FSB 78, FSB 78A, FSB 79A, FSB 79B, FSB 79C, FSB 97C, FSB 97D, HSB104D, HSB131C, HSB135C, HSB136C, HSB137C
Americium-241	1/23/91	1.2E-8 ± 2E-9 µCi/mL	FSB 78A, FSB 79A, FSB 79B, FSB 92D, HSB 69, HSB101D, HSB133D, MSB 28

Table 9. EPD/EMS Blind Blanks With Elevated Results From IT Analytical Services (cont.)

Analyte	Run Date	Result	Samples Accompanying Blanks
Americium-241 (cont.)	2/13/91	7.6E-9 ± 1E-9 μCi/mL	ASB 7, ASB 8, ASB 8A, ASB 8B, ASB 8C, ASB 8TA, ASB 9, ASB 9B, ASB 9C, FSB 76A, FSB 76B, FSB 76C, FSB102C, FSB106C, HTF 7, HTF 19, PSS 2D
	2/25/91	5.8E-9 ± 7E-10 μCi/mL, 1.4E-8 ± 2E-9 μCi/mL	BGO 9D, BGO 10A, BGO 10C, BGO 11D, BGO 27C
	3/01/91	8.6E-9 ± 9E-10 μCi/mL	ASB 1A, ASB 2A, ASB 3A, ASB 5A, ASB 6A, ASB 6AA, BGO 15D, BGO 33C, BGO 37C, FSB112A, FSB114A, FSB114C, FSB114D, FSB120A, FSB120C, FSB120D, FSB121C, FSB122D
	3/11/91	1.9E-8 ± 5E-9 μCi/mL	ASB 3C, ASB 4, ASB 10C, FSB112C, FSB117D, FSB119D, FSB122C, MSB 84C
	3/23/91	6.5E-9 ± 8E-10 μCi/mL, 8.1E-9 ± 9E-10 μCi/mL	FSB113A, FSB113C, FSB113D, FSB115C, FSB115D, FSB116C, FSB116D, FSB118C, FSB123C, FSB123D
Nonvolatile beta	3/12/91	2.1E-8 ± 4E-9 μCi/mL	CMP 11B, DCB 2A, DCB 3A, DCB 8, DCB 9, DCB 12, DCB 13, DCB 15, DCB 16, FET 2D, FET 2DR, FTF 21, FTF 22
Radium-226	1/17/91	9.1E-9 ± 1.5E-9 μCi/mL	FSB 78A, FSB 79A, FSB 79B, FSB 87A, FSB 87B, FSB 92D, HSB 69, HSB101D, HSB133D
	1/27/91	8.2E-9 ± 1.2E-9 μCi/mL	FSB 78B
	2/03/91	1.1E-8 ± 2E-9 μCi/mL	FSB 78, FSB 79, FSB 79C, FSB 87C, FSB 89D, HSB 66, HSB 84A, HSB 86A, HSB 86B, HSB 86C, HSB 86D, HSB114D, HSB116D, HSB134D, HSB137D, HSB139D
	4/01/91	1.8E-8 ± 3E-9 μCi/mL	ASB 3C, BG 12, BG 93, BG101, BG 104, BG 107, BG 108, BG 109, BG 110, BG 121, FSB121C
Thorium-232	3/26/91	1.1E-8 ± 2E-9 μCi/mL	ASB 4, ASB 10C, FSB113A, FSB113C, FSB113D, FSB115C, FSB115D, FSB116C, FSB116D, FSB118D, FSB123C, FSB123D, HCA 2, HCA 4(R)
	4/01/91	1.9E-8 ± 3E-9 μCi/mL	ASB 1A, ASB 2A, ASB 3A, ASB 3C, ASB 5A, ASB 6A, ASB 6AA, BG 93, BG 101, BG 104, BG 107, BG 108, BG 109, BG 110, BG 121, BG 122, FSB120A, FSB120D, FSB121C
	4/12/91	1.4E-8 ± 2E-9 μCi/mL	ASB 4, ASB 10C, FSB113A, FSB113C, FSB113D, FSB115C, FSB115D, FSB116C, FSB116D, FSB118D, FSB123C, FSB123D, HCA 2, HCA 4(R)
	4/19/91	1.5E-8 ± 2E-9 μCi/mL	IDB 9, IDB 10, IDQ 2, IDQ 4, IDQ 5, IDQ 6, IDQ 7, IDQ 10, IDQ 11, IDQ 12, LFW 26, TNX 1D, TNX 2D
	4/24/91	9.9E-9 ± 2E-9 μCi/mL	HCA 3
Uranium-234	1/30/91	9.3E-9 ± 1.7E-9 μCi/mL, 1.5E-8 ± 3E-9 μCi/mL	FSB 78, FSB 78B, FSB 79, FSB 79C, FSB 86A, FSB 86B, HSB 86D, FSB 87A, FSB 87B, FSB 87C, FSB 89D, HSB 84A, HSB116D, HSB134D, HSB137D
	2/01/91	1.6E-8 ± 3E9 μCi/mL	FSB 78, FSB 78B, FSB 79, FSB 79C, FSB 86A, FSB 86B, HSB 86D, FSB 87A, FSB 87B, FSB 87C, FSB 89D, HSB 84A, HSB116D, HSB134D, HSB137D

Table 9. EPD/EMS Blind Blanks With Elevated Results From IT Analytical Services (cont.)

Analyte	Run Date	Result	Samples Accompanying Blanks
Uranium-234 (cont.)	2/09/91	1.7E-8 ± 3E-9 μCi/mL	ASB 7, ASB 8, ASB 8A, ASB 8B, ASB 8C, ASB 8TA, ASB 9, ASB 9B, ASB 9C, FSB 76, FSB 76B, FSB102C, FSB106C, HTF 7, HTF 19, MSB 9C
	2/18/91, 2/20/91	2.3E-8 ± 4E-9 μCi/mL, 1.4E-8 ± 3E-9 μCi/mL	BGO 9D, BGO 10A, BGO 10C, BGO 11D, BGO 27C, MSB 13A, MSB 13B
Uranium-238	3/26/91	4.6E-7 ± 5E-8 μCi/mL	ASB 4, ASB 10C, FSB113A, FSB113C, FSB113D, FSB115C, FSB115D, FSB116C, FSB116D, FSB118D, FSB123C, FSB123D, HCA 2, HCA 4(R)
	3/28/91	4.5E-7 ± 5E-8 μCi/mL	ASB 4, ASB 10C, FSB113A, FSB113C, FSB113D, FSB115C, FSB115D, FSB116C, FSB116D, FSB118D, FSB123C, FSB123D, HCA 2, HCA 4(R)
	4/01/91	5.9E-7 ± 6E-8 μCi/mL	ASB 1A, ASB 2A, ASB 3A, ASB 3C, ASB 5A, ASB 6A, ASB 6AA, BG 93, BG 101, BG 104, BG 107, BG 108, BG 109, BG 110, BG 121, BG 122, FSB120A, FSB120D, FSB121C
	4/12/91	4.3E-7 ± 5E-8 μCi/mL	ASB 4, ASB 10C, FSB113A, FSB113C, FSB113D, FSB115C, FSB115D, FSB116C, FSB116D, FSB118D, FSB123C, FSB123D, HCA 2, HCA 4(R)
	4/18/91	4.4E-7 ± 5E-8 μCi/mL	HCA 4
	4/19/91	4.3E-7 ± 5E-8 μCi/mL	IDB 9, IDB 10, IDQ 2, IDQ 4, IDQ 5, IDQ 6, IDQ 7, IDQ 10, IDQ 11, IDQ 12, LFW 26, TNX 1D, TNX 2D
	4/24/91	4.3E-7 ± 5E-8 μCi/mL	IDP 1, IDP 2, IDP 3A, IDP 3B, IDP 3C, IDP 5, IDP 6, IDP 7, IDP 8, IDP 9, IDQ 3A, IDQ 3B, IDQ 3C

A review of the quarter's analytical data identified at least one result of the analyses in Table 10 as high in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 10. IT Samples With High Analytical Results Compared to Historical Data

Analyte	Wells
Aluminum	FSB 98D, HSB115D, HSB130D
Arsenic	DCB 6, DCB 16
Barium	CMP 11B, FCB 3, HTF 17, HTF 29, TNX 10D
Benzene	BGO 18D, LFW 10A
gamma-Benzene hexachloride (Lindane)	BGO 22D
Cadmium	HSB130C, HTF 21
Calcium	CSB 3A, DCB 7, DCB 15, HCB 1, HSB 71, HSB 86D, LFW 10A, LFW 22
Chloride	DCB 8, LFW 10A, TNX 10D
Chlorobenzene	LFW 7
Chloroethene (Vinyl chloride)	LFW 7, LFW 8
Chloroform	MSB 42B, YSB 3A
Chromium	CBR 2D, CMP 11B, CSB 2A, DCB 1A, DCB 12, FCB 3, LFW 26, TNX 2D, TNX 8D, YSC 5A
Cobalt	FSB111D, HSB125D, HSB127D

Table 10. IT Samples With High Analytical Results Compared to Historical Data (cont.)

Analyte	Wells
Copper	FCB 3, YSB 1A, YSB 3A
Cyanide	HSB 68A, HSB 86C
1,4-Dichlorobenzene	LFW 10A
trans-1,2-Dichloroethene	BGO 27D, BGO 37C, LFW 6, LFW 10A, MSB 12B
Dichloromethane	SRW 3A
cis-1,3-Dichloropropene	TNX 3D
Endrin	BGO 22D
Ethylbenzene	LCO 4
Fluoride	BGO 26A, LCO 3, LFW 10A, LFW 22
Iron	BGO 6D, BGO 27C, BGO 36D, BRR 5D, CSB 2A, DCB 1A, DCB 7, DCB 12, FCB 3, FSB 91C, FSB 97D, HSB127D, LCO 4, LFW 10A, LFW 21, LFW 22, P 26B, RDB 2D, SBG 2, TNX 2D, TNX 8D, TNX 9D, TNX 10D, TNX 11D, TNX 12D, YSB 1A
Lead	CSR 1, HSB139D, HTF 1, HTF 13, HTF 17, KSB 4A, YSB 1A
Magnesium	CSB 3A, CSR 1, DCB 15, HCB 1, HSB115C, LCO 1, LFW 10A, LFW 22, PCB 2A, FSB 98D
Manganese	DCB 15, FCB 3, FSB 98D, HCB 1, HSB115C, LCO 2, LFW 10A, NBG 2, RDB 2D, YSB 1A
Mercury	BGO 26D, BGO 27C, BGO 27D, BGO 31C, BGO 31D, BGO 35C, BGO 35D, CCB 2, CSO 1, FCB 2, FCB 3, HTF 9, HTF 13, HTF 14, HTF 16, HTF 17, HTF 28, HTF 31, HTF 32, LCO 1, LFW 26, LFW 35, LSB 3, NBG 2, PSB 3A
Nickel	FSB 97D, YSB 1A
Nitrate as nitrogen	BGO 6D, BRR 1D, BRR 4D, CSB 3A, DCB 1A, DCB 6, DCB 7, FCA 19D, FSB 79B, HSB 68B, HSB 83A, HSB120A, HSB130C, KCB 4, LFW 8, LFW 17, P 26A, RDB 3D
Nitrite as nitrogen	BG 94, CSD 12D
Octachlorodibenzo-p-dioxin	BGO 15D
Phenols	BGO 2D, BGO 36D, CCB 4, CSR 1, FSB 99C, LFW 10A, LFW 22, LFW 26, LFW 29, LFW 34, LFW 36, LFW 37, LFW 38, LFW 40, LSB 1, YSB 2A
Potassium	BRR 2D, BRR 3D, BRR 4D, FNB 3, FSB 76C, FSB109D, HCB 1, LFW 28, LFW 33
Selenium	DCB 3A, DCB 5A, DCB 7, HCB 1, LCO 4
Silica	DCB 7, TNX 10D
Sodium	AOB 1, ARP 2, CSB 6A, DCB 7, LFW 10A, LFW 22, RDB 1D, RDB 3D
Specific conductance	DCB 4A, HCB 1, HTF 13, HTF 14, HTF 19, HTF 27, HTF 31, LFW 10A, LFW 22, PSS 2D
Sulfate	CSR 1, DCB 15, HCB 1, HSB 71, HSB 86D, HSB138D, LFW 22, LFW 23, MSB 20A, RDB 1D, RDB 3D, YSB 2A
Tetrachloroethylene	CCB 1, CCB 4, CSB 4A, CSB 6A, FSB102C, MSB 51B
Toluene	LCO 4, LFW 10A
Total dissolved solids	BGO 26A, CSB 3A, DCB 7, DCB 15, FAL 2, FCA 10A, FCB 2, FCB 4, FCB 5, FNB 4, FSB 97A, HCB 1, HSB 83C, LFW 10A, LFW 19, LFW 22, LFW 28, MSB 43B, PCB 1A, PCB 4A
Total organic carbon	BGO 1D, BGO 12D, BGO 20D, BGO 21D, DCB 2A, DCB 8, FCA 10A, FCB 2, HCA 4, HR8 12, HR8 13, HSB 68B, HSB 71, KSB 3, LFW 10A, LFW 22, LFW 26, LFW 39, LFW 40, LFW 41, TNX 10D, YSB 1A
Total organic halogens	BRR 5D, CCB 2, CSB 3A, CSB 4A, GBW 1, HSB 69A, HSB 71C, HSB135D, LFW 16, LFW 28, P 26B, P 26D, PCB 2A, RDB 2D, RSE 24, TNX 9D, YSC 5A

Table 10. IT Samples With High Analytical Results Compared to Historical Data (cont.)

Analyte	Wells
Total phosphates	ABP 1A, ARP 2, BGO 27D, BGO 30C, BGO 30D, BGO 36D, BGO 39D, BRR 4D, CBR 1D, DCB 1A, DCB 7, DCB 8, DCB 12, DCB 13, FAC 4, FCA 10A, FCA 16A, FCB 2, FCB 4, FSB 76, FSB 76A, FSB 76B, FSB 76C, FSB 78, FSB 78A, FSB 78C, FSB 79, FSB 79C, FSB 87A, FSB 87C, FSB 88C, FSB 88D, FSB 90D, FSB 91C, FSB 97C, FSB 98A, FSB 98C, FSB 99A, FSB 99D, FSB100A, FSB101A, FSB102C, FSB103C, FSB104C, FSB104D, FSB106C, FSB107C, FSB107D, FSB109D, FSB110C, FSB110D, FSB111D, HR3 11, HR3 13, HR8 12, HR8 13, HSB 65A, HSB 65B, HSB 68, HSB 68C, HSB 69, HSB 71C, HSB 83A, HSB 84A, HSB 84C, HSB 84D, HSB 86D, HSB103C, HSB124A, HSB129C, HSB132C, HSB134D, HB136C, HSB139C, KCB 1, KSB 1, LFW 10A, LSB 4, MSB 12B, MSB 20A, NBG 3, RDB 2D, YSB 3A
1,1,1-Trichloroethane	FSB 97D, FSB111C, HSB 67, HSB 69, HSB 69A, HSB 83A, HSB 83B, HSB 83C, HSB 85A, HSB100C, HSB101C, HSB108C, HSB109D, HSB123A, HSB125C, HSB133C, HSB135C, MSB 68C
Trichloroethylene	CSB 6A, FSB 76C, FSB 99C, FSB102C, MSB 51B
Trichlorofluoromethane	FAL 2, FCA 19D, LFW 22
Turbidity	BGO 10C, BGO 11D, BGO 23D, BGO 29A, BGO 30C, BGO 31C, BGO 37D, FAC 4
Uranium	BGO 11D, BGO 29A, FSB 98D
Vanadium	HSB136C
Xylenes	BRR 4D
Zinc	EPT137, FSB 76C, FSB 99C, FSB109D
Americium-241	ASB 1A, ASB 2A, ASB 3A, ASB 4, ASB 5A, ASB 6A, ASB 7, ASB 8, ASB 8A, ASB 8B, ASB 8C, BGO 6A, BGO 6C, BGO 9D, FSB 76, FSB 76B, FSB 79, FSB 87B, FSB 91D, FSB102C, FSB103C, FSB110D, HSB 66, HSB 85A, HSB 85B, HSB103D, HSB114D, HSB129D, HSB133D, HSB 139D, P 26A, P 26B, TNX 1D, TNX 2D, TNX 3D, TNX 7D, TNX 9D, TNX 11D
Cobalt-60	HSB105D
Gross alpha	BGO 10C, BRR 2D, CBR 2D, CBR 3D, DBP 2, DCB 1A, DCB 7, FAC 4, FCA 10A, FCA 16A, FCB 3, FET 2D, FSB 77, FSB 79B, FSB 89D, FSB 90C, FSB 99C, FSB107D, FTF 3, FTF 17, GBW 1, HR3 13, HR8 13, HSB 67, HSB 86C, HSB115D, HSB116C, HSB133D, HTF 1, HTF 17, HTF 18, HTF 19, HTF 25, HTF 26, HTF 27, HTF 29, LFW 6, MGC 19, MSB 55C, PCB 3A, PCB 4A, PSB 1A, TNX 2D
Nonvolatile beta	BGO 10C, BGO 37D, CCB 2, DCB 1A, FCB 3, DCB 7, FAL 1, FCA 10A, FCA 16A, FET 2D, GBW 1, HSB115C, HTF 13, HTF 17, HTF 18, HTF 19, HTF 20, HTF 25, HTF 26, HTF 27, HTF 29, HTF 31, HTF 32, KSB 1, KSB 2, LFW 20, MGC 19, PCB 4A, PSS 2D, TNX 3D
Plutonium-239	P 26A
Radium-226	FSB 78B, HB 101D, IDQ 6, P 26D, TNX 3D
Radium-228	FSB 78, FSB 78C, FSB 79, FSB 79C, FSB 89D, FSB 90D, FSB 91D, FSB 92D, FSB102C, FSB104D, FSB106C, HSB 69, HSB 84A, HSB 86D, HSB101D, HSB103D, HSB105D, HSB107D, HSB114D, HSB116D, HSB129D, HSB134D
Strontium-89	FSB 89D, HSB105D
Strontium-90	FSB 78, FSB 88C, HSB101D
Thorium-232	FSB 78A, FSB 78B, FSB 79A, FSB 87B, FSB 87C, HSB 66, HSB 84A, HSB 86A, HSB 86D, HSB101D, HSB116D, HSB129D, HSB137D, HSB139D, P 26D, TNX 1D

Table 10. IT Samples With High Analytical Results Compared to Historical Data (cont.)

Analyte	Wells
Total radium	BGO 34D, CCB 2, CSR 1, DCB 1A(R), DCB 7, FCB 3, FSB 97C, FSB 99C, FSB104C, FTF 4, FTF 7, FTF 12, HSB 68A, HSB 68B, HSB 70, HTF 13, HTF 21, HTF 23, KSB 4A, LFW 6, LSB 2, MSB 55C, NBG 2, NBG 5, PCB 1A, PSB 5A
Tritium	BGO 10C, BGO 11D, CSB 1A, FSB 87A, HSB 68B, HSB 84A, LFW 16, MSB 43B, TNX 2D
Uranium-234	ASB 2A, ASB 3A, BGO 9D, BGO 10A, BGO 10C, BGO 11D, BGO 27C, BGO 33C, BGO 37C, FSB 76A, FSB 79, FSB 87A, FSB 87B, FSB 87C, HSB 69, HSB 84A, HSB 86C, HSB 86D, HSB101D, HSB105D, HSB134D, MSB 9C, MSB 13A, MSB 13B, P 26B, P 26D
Uranium-235	BGO 9D, BGO 10A, BGO 11D, BGO 37C, FSB 76, FSB 76A, FSB 76B, FSB 79C, FSB 87A, FSB 87B, FSB 87C, FSB110D, HSB 66, HSB 69, HSB 84A, HSB 85A, HSB 85B, HSB 85C, HSB 86D, HSB105D, HSB107D, HSB133D, HSB134D, HSB139D, HTF 7, MSB 9C, MSB 13A, MSB 13B
Uranium-238	ASB 2A, ASB 3A, ASB 5A, ASB 6A, ASB 8, BGO 9D, BGO 10A, BGO 10C, BGO 11D, BGO 27C, BGO 37C, FSB 76, FSB 76A, FSB 76C, FSB 87A, FSB 87B, FSB 87C, HSB 66, HSB 69, HSB 84A, HSB 85A, HSB 85B, HSB 85C, HSB101D, HSB105D, HSB107D, HSB114D, MSB 9C, MSB 13A, MSB 13B, P 26D, TNX 1D, TNX 3D, TNX 4D, TNX 5D, TNX 7D, TNX 8D, TNX 11D

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

Table 11. IT Samples With Low Analytical Results Compared to Historical Data

Analyte	Wells
Aluminum	BGO 10C, BGO 14C, FSB 87A, FSB 87B, FSB 87C, FSB104C, FSB109D, FSB111C, HSB 85B, HSB 86D, HSB115C, HSB117D, HSB124A, HSB127C, HSB138D
Aldrin	LFW 17
Arsenic	DCB 13, LFW 8
Barium	HSB138D
beta-Benzene hexachloride	LFW 8
Calcium	CSO 1, FSB 98D, HR8 12, HR8 13, KCB 1, LSB 2, LSB 4
Carbon tetrachloride	TNX 10D
Chloride	DCB 9, FSB 97D, FSB110D, HCB 2
Chromium	HTF 13, HTF 14, HTF 15, HTF 16, HTF 18, HTF 21, HTF 22, HTF 24
Copper	BGO 14C, CCB 2, CSB 1A, CSB 3A, FSB 76, HCB 2, HSB 71, HSB 86D
1,1-Dichloroethane	LFW 8, LFW 10A
1,2-Dichloroethane	FAL 2
trans-1,2-Dichloroethene	TNX 3D, TNX 10D
Ethylbenzene	LFW 8
Fluoride	DCB 1A, DCB 12, FSB 78C, FSB 94C, FSB 97D
Iron	AOB 1, ARP 2, BGO 10C, BGO 11D, BGO 32D, BGO 35D, CSB 6A, DCB 4A, DCB 13, FCA 16A, FCA 19D, FSB 78A, FSB 98A, FSB100A, FSB102C, FSB108D, HR3 11, HR3 13, HR8 11, HR8 13, HSB 84A, HSB 86D, HSB104C, HSB131C, KSB 1, KSB 2, LFW 8, LFW 27, PCB 3A, PCB 4A, PSB 5A, PSB 7A, PSS 2D, RDB 1D, RDB 3D
Lead	BRR 2D, CSB 3A, FAL 2, FSB 91D, FSB 98C, FSB 98D, HTF 22

Table 11. IT Samples With Low Analytical Results Compared to Historical Results (cont.)

Analyte	Wells
Magnesium	HSB138D
Manganese	BGO 1D, BGO 29A, CSB 3A, HSB 86D, HSB 71C, HSB138D, RDB 1D, RDB 3D, TNX 10D
Nickel	HSB 86D
Nitrate as nitrogen	BGO 6C, BGO 35C, FSB 92D, FTF 3, HCB 2, HSB 71, HSB 86D, HSB101C, HSB139D, HTF 21, HTF 24, NBG 1, NBG 2, PSS 2D, TNX 9D, TNX 10D
Phenols	BGO 14A, CSB 1A
Potassium	FSB 98D, HSB 86D, HSB124A, NBG 1
Sodium	FSB 88D, HSB 86D, HSB138D
Specific conductance	BGO 14C, DCB 1A, FSB 92D, FTF 12
Sulfate	FSB 79, PCB 3A
Tetrachloroethylene	KSB 1, KSB 3, KSB 4A, RWM 6
Toluene	LFW 8
Total dissolved solids	BGO 15D, BGO 21D, BGO 37C, CCB 3, CCB 4, CSR 1, FSB 92D, HR8 13, HSB 71, HSB104C, HSB109D, IDB 1C, SBG 2, KAB 3, LFW 8, LFW 23, LFW 24, LFW 25, LFW 26, LFW 27, LFW 29, LFW 30, LSB 1, LSB 2, LSB 4, PCB 3A, PSB 5A
Total organic halogens	CSB 2A, CSB 5A, FAL 2, LFW 8, PCB 4A, TNX 10D
Total phosphates	BRR 1D, BRR 3D, LFW 17, LFW 27, LFW 28, LFW 33, PCB 1A, PCB 2A, PCB 3A, PCB 4A, TNX 3D, TNX 7D, TNX 10D
Trichloroethylene	CSB 2A, DCB 7, DCB 1A, KSB 3, MSB 47C, RWM 6, TNX 10D
Trichlorofluoromethane	LFW 37, LFW 38
Turbidity	BGO 2D, BGO 9D, BGO 27D, BGO 31D, BGO 33D, HSB 65, HSB 85A
Vanadium	BGO 14C
Zinc	FSB108D, HCB 3, HSB 86D, HSB117D, HSB134D
Americium-241	FSB106C
Cobalt-60	HSB 86D
Gross alpha	HCB 2, HSB 86D, LFW 21
Nonvolatile beta	BGO 14A, FSB 98A, HSB 70C, HSB 86D, HSB117D, HSB127C, HSB138D, LCO 1, TNX 12D
Radium-226	ASB 3A, ASB 4, ASB 6A, ASB 9, FSB 91D, FSB 92D, FSB104D, FSB110D
Radium-228	HSB 86D, P 26A
Strontrium-90	HSB 86D, HSB139D
Total radium	DCB 10, FCA 10A, HSB117C, HTF 16, HTF 17, MSB 55C
Tritium	BGO 6D, BGO 22D, BGO 35C, CSB 2A, CSB 6A, DCB 15, FSB 88D, FSB 92D, HSB 70, HSB 86D, HSB109D, HSB117D, HSB134D, HSB135D, HSB139D, RDB 2D
Uranium-234	FSB 78, FSB 90D, FSB 91D, FSB 92D, FSB104D, FSB110D, HSB139D
Uranium-235	FSB 78, FSB104D, FSB110D
Uranium-238	FSB 78, FSB 90D, FSB 91D, FSB 92D, FSB104D, FSB110D

International Technology did not perform separate analyses for total radium when total radium was requested in addition to radium-226 and -228 because IT equates total radium with radium-226. IT reported radium-226 only once for the following wells which requested both:

ASB 7	BG0 11D	BGO 37C	FSB 78A	FSB 79C
BGO 6A	BG0 15D	FSB 76	FSB 78B	FSB 87A
BGO 6C	BGO 22D	FSB 76A	FSB 78C	FSB 87B
BGO 9D	BGO 27C	FSB 76B	FSB 79	FSB 87C
BGO 10A	BGO 32D	FSB 76C	FSB 79A	FSB 89D
BG0 10C	BGO 33C	FSB 78	FSB 79B	FSB 90D

FSB 91D	FSB114C	FSB122D	HSB103D	TNX 2D
FSB 92D	FSB114D	FSB123C	HSB105D	TNX 3D
FSB102C	FSB115C	FSB123D	HSB107D	TNX 4D
FSB103C	FSB115D	HSB 66	HSB114D	TNX 5D
FSB104D	FSB116C	HSB 69	HSB116D	TNX 6D
FSB106C	FSB116D	HSB 84A	HSB129D	TNX 7D
FSB110D	FSB117D	HSB 85A	HSB133D	TNX 8D
FSB112A	FSB118D	HSB 85B	HSB134D	TNX 9D
FSB112C	FSB119D	HSB 85C	HSB137D	TNX 10D
FSB112D	FSB120A	HSB 86A	HSB139D	TNX 11D
FSB113A	FSB120C	HSB 86B	P 26A	TNX 12D
FSB113C	FSB120D	HSB 86C	P 26B	
FSB113D	FSB121C	HSB 86D	P 26D	
FSB114A	FSB122C	HSB101D	TNX 1D	

Table 12 lists the reasons IT Analytical Services did not perform certain other analyses.

Table 12. Analyses Not Performed by IT Analytical Services

Wells	Analytes	Reasons
ABP 1A, MSB 43B	Heptachlor, isobutyl alcohol, 2-nitrophenol	These analytes were not issued as part of the Appendix IX suites
AOB 1	2,4,5-TP (Silvex), 2,4-dichlorophenoxyacetic acid	Insufficient aliquot requested on chain-of-custody form
ASB 6C	Gamma PHA	Contract cancelled
ASB 2C	All scheduled analyses	Would not pump water to surface
ASB 6C, ASB 6TA CDB 1, CDB 2, HSB144A, RSF 1, RSF 2, RSF 3, XSB 2D, XSB 3A, XSB 4D, XSB 5A, YSC 1C, YSC 2A, YSC 2D, YSC 4C, ZBG 1, ZBG 1A, ZBG 2	All scheduled analyses	Contract cancelled
BGO 1D, BGO 38D, BGO 39D, HSB 65, HSB 65A, HSB 65B, HSB 65C, HSB 85A, HSB 85B, HSB 85C	Acetophenone, napthalene	Insufficient sample requested on chain-of-custody form
BGO 2D, BGO 6A, BGO 6C, BGO 6D, BGO 9D, BGO 10A, BGO 10C, BGO 11D, BGO 12A, BGO 12D, BGO 13D, BGO 14A, BGO 14C, BGO 15D, BGO 16A, BGO 18A, BGO 18D, BGO 20D, BGO 21D, BGO 22D, BGO 23D, BGO 25A, BGO 26A, BGO 26D, BGO 27C, BGO 27D, BGO 28D, BGO 29A, BGO 30C, BGO 30D, BGO 31C, BGO 31D, BGO 32D, BGO 33C, BGO 33D, BGO 34D, BGO 35C, BGO 35D, BGO 36D, BGO 37C, BGO 37D	Acetophenone	Insufficient aliquot requested on chain-of-custody form

Table 12. Analyses Not Performed by IT Analytical Services (cont.)

Wells	Analytes	Reasons
BGO 3D, BGO 4D, BGO 5C, BGO 5D	All scheduled analyses	No access to well
BGO 6A, BGO 6C, BGO 22D, TNX 6D, TNX 8D, TNX 10D, TNX 11D, TNX 12D	Isotopic uranium	Probable matrix interference in the samples
BGO 7D, BGO 8A, BGO 8C, BGO 8D, BGO 12C	All scheduled analyses	Unable to sample due to well renovation
BGO 13D	Tritium, endrin, lindane, methoxychlor, silvex, toxaphene, 2,4-D, dioxins, acetophenone, naphthalene	Insufficient water for complete sample collection
BGO 38D	Pesticides	Sample container received with broken lid
BGO 17D	All scheduled analyses	Unable to sample; road over well
BGO 19D	All scheduled analyses	Unable to sample; well buried by dirt
BGO 26D	Endrin, lindane, methoxychlor, silvex, 2,4-D, toxaphene	Sample container received with broken lid
BGO 27D, MSB 37C(R), MSB 42B(R)	Silvex, 2,4-D	Sample was received improperly preserved and with incorrect paperwork
IDB 14A	Herbicides	Sample lost during extraction
CCB 1	Endrin, lindane, methoxychlor, toxaphene	Sample lost during extraction
DCB 1A	Chloride	Matrix interference
DCB 6	Fluoride	Matrix interference
FCA 9C	All scheduled analyses	Sample collection prevented by trash
FCA 10A, FSB 97D	Tritium, endrin, lindane, methoxychlor, toxaphene, silvex, 2,4-D	Insufficient water for complete sample collection
FSB 92C	All scheduled analyses	Unable to sample; too much to bail in one day
FSB 94D, FSB 95C, FSB 95D, FSB 96A, FSB 105D	All scheduled analyses	Wells have been abandoned
FSB 94DR, FSB 98C, FSB105DR, FSB110D, HSB 83D, HSB106D, HSB130C	Cyanide	Samples were received unpreserved or improperly preserved

Table 12. Analyses Not Performed by IT Analytical Services (cont.)

Wells	Analytes	Reasons
FSB 98D	Fluoride, chloride	Matrix interference
FSB102C	Total organic halogens	Positive matrix interference
FSB106D	Gamma PHA, Am-241, U-234, Sr-89, Sr-90, tritium, 2,4-D, endrin, lindane, methoxychlor, silvex, toxaphene	Insufficient water for complete sample collection
HSB106C	Endrin, lindane, methoxychlor, toxaphene	Sample lost during extraction
HTF 14	Gross alpha, nonvolatile beta, total radium	Insufficient water for complete sample collection
IDP 4	Gamma PHA	Well bailed dry before sample could be collected
KDB 1, KDB 2, KDB 3, LDB 1, LDB 2, PDB 2, PDB 3, RSA 10, RSB 7, RSD 1, RSE 7, RSE 9, RSE 10, TBG 1, TBG 3, TBG 4, TBG 5, TBG 5A, TBG 5B, TBG 6, TBG 7, XSB 1A, XSB 1B, XSB 1D	All scheduled analyses	Samples sent to GE due to contract cancellation
LFW 6	1,4-Dichlorobenzene	Sample received with broken lid
LFW 16, LFW 22, LFW 23, LFW 24, LFW 25	Aldrin, beta-Benzene hexachloride, endosulfan sulfate	Samples improperly stored after initial run; could not be re-analyzed
P 26A	Total phosphates	Insufficient sample

Review of the M-Area Laboratory Analytical Data

A technical review of the quarter's analytical data identified the analyses in Table 13 as high in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 13. M-Area Samples With High Analytical Results as Compared to Historical Data

Analyte	Wells
trans-1,2-Dichloroethene	MSB 49B, MSB 66B, MSB 66C, RWM 8
1,1-Dichloroethylene	MSB 70C, RWM 8
Tetrachloroethylene	RWM 8
Trichloroethylene	MSB 23TA, MSB 27B, RWM 8

A technical review of the quarter's analytical data identified the analysis for trichloroethylene from MSB 34C, and the analysis for tetrachloroethylene in MSB 15D, as low in comparison to historical data. A review of the laboratory records did not reveal any problems with the analyses.

Table 14 lists the reasons the M-Area Laboratory did not perform certain analyses.

Table 14. Analyses Not Performed by the M-Area Laboratory

Wells	Analytes	Reason
ACB 1A, ACB 2A, ACB 3A, ACB 4A, MSB 20A	GC VOA	Chain-of-custody forms were not produced
ASB 6C, ASB 6TA	1,1-Dichloroethylene	Instrument failure

Review of the EPD/EMS Laboratory Radioactive Analytical Data

A technical review of the quarter's radioactive results identified the analyses in Table 15 as high in comparison to historical data. A review of the EPD/EMS Laboratory records did not reveal any problems with the analyses. No review of the records was done on total activity analyses, as records had been turned over to the Groundwater group.

Table 15. Samples With EPD/EMS Radioactive Analytical Results High as Compared to Historical Results

Analyte	Wells
Nonvolatile beta	RCS 3, RSE 2, RSE 4A, RSE 4C, RSE 13, RSE 19
Total activity	HSB106D
Tritium	BG 52, MGG 36

A technical review of the quarter's radioactive results identified the analyses in Table 16 as low in comparison to historical data. A review of the EPD/EMS Laboratory records did not reveal any problems with the analyses. Total activity results were not reviewed, as hardcopy records had been turned over to the Groundwater group.

Table 16. Samples With EPD/EMS Radioactive Analytical Results Low as Compared to Historical Results

Analyte	Wells
Gross alpha	F 17, F 25, FCA 16A, RSB 9, RSC 5, RSD 1, RSD 3, RSD 4, RSE 1B, RSE 3A, RSE 4A
Nonvolatile beta	F 17, MGG 36
Tritium	F 17
Total activity	CSB 3A, FSB 91D, FSB107D, HSB 70, HSB109D, HSB115D

Table 17 lists the reasons the EPD/EMS Laboratory did not perform certain analyses.

Table 17. Analyses Not Performed by the EPD/EMS Laboratory

Wells	Analytes	Reason
KSB 2	Gamma PHA	Sample discarded before analysis was performed
FCA 2D, FCA 9D, FCA 16B, FCA 16D	Strontium-89/90	Insufficient water for complete sample collection
FCA 9C	All scheduled analyses	Sample collection prevented by trash
HSB144A	Gross alpha, nonvolatile beta, tritium	Results lost at laboratory

Table 17. Analyses Not Performed by the EPD/EMS Laboratory (cont.)

Wells	Analytes	Reason
MGC 36, RSD 2B	Gross alpha, nonvolatile beta	Samples discarded before analyses were performed
241-H	Gross alpha, nonvolatile beta, tritium	Well could not be sampled

ANALYTICAL METHODS

Laboratories performed analyses using the EPA methods listed in Table 18, with the following exceptions:

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

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

- Methods that are not EPA methods are referenced in the footnotes in Table 18.

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

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

Table 18. Methods and Detection Limits Used by General Engineering and IT Analytical Services

	GE		IT	
Analyte	Method	Detection Limit	Method	Detection Limit
Acenaphthene	8270	10 μg/L	625	10 μg/L
			8270	10 μg/L
Acenaphthylene	8270	10 μg/L	625	10 μg/L
			8270	10 μg/L
Acetone	8240	10 μg/L	8240	10 μg/L
Acetonitrile (Methyl cyanide)	8240	100 μg/L	8240	100 μg/L
Acetophenone	8270	10 μg/L	8270	10 μg/L
2-Acetylaminofluorene	8270	10 μg/L	8270	10 μg/L
Acrolein	8240	20 μg/L	8240	100 μg/L
Acrylonitrile	8240	20 μg/L	8240	5 μg/L
Aldrin	8080	0.5 μg/L	608	0.04 μg/L
	8270	10 μg/L	8080	0.05 μg/L
Alkalinity (as $CaCO_3$)	310.1	1 mg/L	310.1	5 mg/L
Allyl chloride	8240	50 μg/L	8240	100 μg/L
Aluminum	6010	20 μg/L	200.7	10 μg/L
4-Aminobiphenyl	8270	10 μg/L	8270	10 μg/L
Aniline	8270	10 μg/L	8270	10 μg/L

Table 18. Methods and Detection Limits Used by General Engineering and IT Analytical Services (cont.)

Analyte	GE Method	GE Detection Limit	IT Method	IT Detection Limit
Anthracene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Antimony	7041	3 µg/L	204.2	3 µg/L
Aramite	8270	10 µg/L	8270	10 µg/L
Arsenic	7060	2 µg/L	7060	2 µg/L
Azobenzene	-	-	625	10 µg/L
			8270	10 µg/L
Barium	6010	3 µg/L	200.7	1 µg/L
Benzene	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
alpha-Benzene hexachloride	8080	0.5 µg/L	8080	0.05 µg/L
	8270	10 µg/L		
beta-Benzene hexachloride	8080	0.5 µg/L	608	0.06 µg/L
	8270	10 µg/L	8080	0.05 µg/L
delta-Benzene hexachloride	8080	0.5 µg/L	608	0.05 µg/L
	8270	10 µg/L	8080	0.05 µg/L
Benzidine	8270	50 µg/L	625	50 µg/L
			8270	50 µg/L
Benzo[*a*]anthracene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Benzo[*b*]fluoranthene	8270	10 µg/L	625	10 µg/L
Benzo[*k*]fluoranthene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Benzoic acid	-	-	625	50 µg/L
			8270	50 µg/L
Benzo[*a*]pyrene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Benzo[*g,h,i*]perylene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
1,4-Benzoquinone	-	-	8270	10 µg/L
Benzyl alcohol	8270	20 µg/L	625	10 µg/L
			8270	10 µg/L
Beryllium	6010	3 µg/L	200.7	0.5 µg/L
Bis(chloromethyl)ether	8270	10 µg/L	-	-
Bis(chloromethyl-ethyl)ether	8270	10 µg/L	8270	10 µg/L
Bis(2-chloroethoxy) methane	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Bis(2-chloroethyl) ether	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Bis(2-chloroisopropyl) ether	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Bis(2-ethylhexyl) phthalate	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Boron	-	-	200.7	7.5 µg/L
Bromide	300.0	1,000 µg/L	300.0	250 µg/L
Bromodichloromethane	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Bromoform	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L

- Not analyzed or no detection limit.

Table 18. Methods and Detection Limits Used by General Engineering and IT Analytical Services (cont.)

Analyte	GE Method	GE Detection Limit	IT Method	IT Detection Limit
Bromomethane (Methyl bromide)	8240	1 µg/L	624	10 µg/L
			8240	5 µg/L
4-Bromophenyl phenyl ether	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Butylbenzyl phthalate	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
2-sec-Butyl-4,6-dinitrophenol	8270	50 µg/L	8270	10 µg/L
Cadmium	6010	2 µg/L	200.7	1.5 µg/L
Calcium	6010	10 µg/L	200.7	7.5 µg/L
Carbon disulfide	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Carbon tetrachloride	8240	1 µg/L	624	5 µg/L
	8010	1 µg/L	601	1 µg/L
			8240	5 µg/L
Carbon 12-labeled 2,3,7,8-TCDD	8280	0.00045 µg/L	-	-
Carbon 12-labeled 2,3,7,8-TCDF	8280	0.0004 µg/L	-	-
Chlordane	8080	0.5 µg/L	8080	1 µg/L
	8270	10 µg/L		
Chloride	300.0	250 µg/L	300.0	250 µg/L
4-Chloroaniline	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Chlorobenzene	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Chlorobenzilate	8270	10 µg/L	8270	10 µg/L
para-Chloro-meta-cresol	8270	10 µg/L	-	-
Chloroethane	8240	1 µg/L	624	10 µg/L
			8240	10 µg/L
Chloroethene (Vinyl chloride)	8240	1 µg/L	624	10 µg/L
			8240	5 µg/L
2-Chloroethyl vinyl ether	8240	1 µg/L	624	5 µg/L
	8270	10 µg/L		
Chloroform	8240	1 µg/L	624	5 µg/L
	8010	1 µg/L	601	0.4 µg/L
			8240	5 µg/L
Chloromethane (Methyl chloride)	8240	1 µg/L	624	10 µg/L
			8240	10 µg/L
4-Chloro-3-methylphenol	-	-	625	10 µg/L
			8270	10 µg/L
2-Chloronaphthalene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
2-Chlorophenol	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
4-Chlorophenyl phenyl ether	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Chloroprene	8240	200 µg/L	8240	5 µg/L
Chromium	6010	4 µg/L	200.7	2.5 µg/L
Chrysene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Cobalt	6010	4 µg/L	200.7	5 µg/L

- Not analyzed or no detection limit.

Table 18. Methods and Detection Limits Used by General Engineering and IT Analytical Services (cont.)

Analyte	GE Method	GE Detection Limit	IT Method	IT Detection Limit
Copper	6010	4 µg/L	200.7	2 µg/L
m-Cresol (3-Methylphenol)	8270	10 µg/L	8270	10 µg/L
o-Cresol (2-Methylphenol)	8270	10 µg/L	8270	10 µg/L
p-Cresol (4-Methylphenol)	8270	10 µg/L	8270	10 µg/L
Cyanide	9012	5 µg/L	335.2	5 µg/L
p,p'-DDD	8080	0.5 µg/L	8080	0.1 µg/L
	8270	10 µg/L		
p,p'-DDE	8080	0.5 µg/L	8080	0.1 µg/L
	8270	10 µg/L		
p,p'-DDT	8080	0.5 µg/L	8080	0.1 µg/L
	8270	10 µg/L		
Diallate	8270	10 µg/L	8270	10 µg/L
Dibenz[*a*,*h*]anthracene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Dibenzofuran	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Dibromochloromethane	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
1,2-Dibromo-3-chloropropane	8240	50 µg/L	8240	10 µg/L
Dibromomethane (Methylene bromide)	8240	1 µg/L	8240	10 µg/L
1,2-Dibromoethane	8240	20 µg/L	8240	5 µg/L
Di-n-butyl phthalate	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
1,2-Dichlorobenzene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
1,3-Dichlorobenzene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
1,4-Dichlorobenzene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
3,3'-Dichlorobenzidine	8270	10 µg/L	625	20 µg/L
			8270	20 µg/L
trans-1,4-Dichloro-2-butene	8240	30 µg/L	8240	10 µg/L
Dichlorodifluoromethane	8240	1 µg/L	8240	5 µg/L
1,1-Dichloroethane	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
1,2-Dichloroethane	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
trans-1,2-Dichloroethene	8240	1 µg/L	624	5 µg/L
1,1-Dichloroethylene	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
1,2-Dichloroethylene	-	-	8240	5 µg/L
Dichloromethane (Methylene chloride)	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
2,4-Dichlorophenol	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
2,6-Dichlorophenol	8270	10 µg/L	8270	10 µg/L
2,4-Dichlorophenoxyacetic acid	8150	0.3 µg/L	509B	0.46 µg/L
			8150	0.02 µg/L

- Not analyzed or no detection limit.

Table 18. Methods and Detection Limits Used by General Engineering and IT Analytical Services (cont.)

Analyte	GE Method	GE Detection Limit	IT Method	IT Detection Limit
1,2-Dichloropropane	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
cis-1,3-Dichloropropene	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
trans-1,3-Dichloropropene	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Dieldrin	8080	0.5 µg/L	8080	0.1 µg/L
	8270	10 µg/L		
Diethyl phthalate	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Dimethoate	8270	10 µg/L	8270	10 µg/L
p-Dimethylaminoazobenzene	8270	10 µg/L	8270	10 µg/L
7,12-Dimethylbenz[*a*]anthracene	8270	10 µg/L	8270	10 µg/L
3,3'-Dimethylbenzidine	8270	10 µg/L	8270	10 µg/L
a,a-Dimethylphenethylamine	8270	10 µg/L	8270	10 µg/L
2,4-Dimethyl phenol	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Dimethyl phthalate	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
1,3-Dinitrobenzene	8270	10 µg/L	8270	10 µg/L
4,6-Dinitro-ortho-cresol	–	–	8270	50 µg/L
2,4-Dinitrophenol	8270	50 µg/L	625	50 µg/L
			8270	50 µg/L
2,4-Dinitrotoluene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
2,6-Dinitrotoluene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Di-n-octyl phthalate	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
1,4-Dioxane	8270	10 µg/L	8240	10 µg/L
Diphenylamine	8270	10 µg/L	8270	10 µg/L
1,2-Diphenylhydrazine	8270	10 µg/L	–	–
Dissolved organic carbon	9060	1,000 µg/L	415.2	1,000 µg/L
Disulfoton	8270	10 µg/L	8270	10 µg/L
alpha-Endosulfan	8270	10 µg/L	–	–
beta-Endosulfan	8270	10 µg/L	–	–
Endosulfan I	8080	0.5 µg/L	8080	0.05 µg/L
Endosulfan II	8080	0.5 µg/L	8080	0.1 µg/L
Endosulfan sulfate	8080	0.5 µg/L	608	0.7 µg/L
	8270	10 µg/L	8080	0.1 µg/L
Endrin	8080	0.006 µg/L	608	0.02 µg/L
	8270	10 µg/L	8080	0.1 µg/L
Endrin aldehyde	8080	0.5 µg/L	8080	0.2 µg/L
	8270	10 µg/L		
Ethylbenzene	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Ethyl methacrylate	8270	10 µg/L	8270	10 µg/L
			8240	5 µg/L
Ethyl methanesulfonate	8270	10 µg/L	8270	10 µg/L

– Not analyzed or no detection limit.

Table 18. Methods and Detection Limits Used by General Engineering and IT Analytical Services (cont.)

Analyte	GE Method	GE Detection Limit	IT Method	IT Detection Limit
Famphur	8270	10 µg/L	8270	10 µg/L
Fluoranthene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Fluorene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Fluoride	340.1	100 µg/L	300.0	250 µg/L
Heptachlor	8080	0.5 µg/L	-	-
	8270	10 µg/L		
Heptachlor epoxide	8080	0.5 µg/L	8080	0.05 µg/L
	8270	10 µg/L		
Heptachlorodibenzo-p-dioxin isomers	8280	0.00065 µg/L	8280	0.00117 µg/L
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	8280	0.00065 µg/L	-	-
Heptachlorodibenzo-p-furan isomers	8280	0.00045 µg/L	8280	0.00145 µg/L
1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	8280	0.00045 µg/L	-	-
Hexachlorobenzene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Hexachlorobutadiene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Hexachlorocyclopentadiene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Hexachlorodibenzo-p-dioxin isomers	8280	0.00045 µg/L	8280	0.00157 µg/L
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	8280	0.00045 µg/L	-	-
Hexachlorodibenzo-p-furan isomers	8280	0.0004 µg/L	8280	0.00097 µg/L
1,2,3,4,7,8-Hexachlorodibenzo-p-furan	8280	0.0004 µg/L	-	-
Hexachloroethane	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Hexachlorophene	8270	50 µg/L	8270	10 µg/L
Hexachloropropene	8270	10 µg/L	8270	10 µg/L
2-Hexanone	8240	20 µg/L	8240	10 µg/L
Indeno[1,2,3-*c,d*]pyrene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Iodine	415	100 µg/L	300.0	100 µg/L
Iodomethane (Methyl iodide)	8240	15 µg/L	8240	5 µg/L
Iron	6010	4 µg/L	200.7	5 µg/L
Isobutyl alcohol	8240	100 µg/L	-	-
Isodrin	8270	10 µg/L	8270	10 µg/L
			8080	0.1 µg/L
Isophorone	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Isosafrole	8270	10 µg/L	8270	10 µg/L
Kepone	8270	10 µg/L	8270	10 µg/L
			8080	0.75 µg/L
Lead	7421	3 µg/L	7421	3 µg/L
Lindane (gamma-Benzene hexachloride)	8080	0.005 µg/L	608	0.01 µg/L
	8270	10 µg/L	8080	0.05 µg/L
Lithium	6010	5 µg/L	200.7	20 µg/L
Magnesium	6010	2 µg/L	200.7	2 µg/L

- Not analyzed or no detection limit.

Table 18. Methods and Detection Limits Used by General Engineering and IT Analytical Services (cont.)

Analyte	GE Method	GE Detection Limit	IT Method	IT Detection Limit
Manganese	6010	2 µg/L	200.7	1 µg/L
Mercury	7470	0.2 µg/L	245.1	0.3 µg/L
Methacrylonitrile	8240	50 µg/L	8240	5 µg/L
Methapyrilene	8270	10 µg/L	8270	10 µg/L
Methoxychlor	8080	0.5 µg/L	608	0.5 µg/L
			8080	0.5 µg/L
3-Methylcholanthrene	8270	10 µg/L	8270	10 µg/L
2-Methyl-4,6-dinitrophenol	8270	50 µg/L	8270	50 µg/L
Methyl ethyl ketone	8240	10 µg/L	8240	10 µg/L
Methyl methacrylate	8270	10 µg/L	8240	5 µg/L
Methyl methanesulfonate	8270	10 µg/L	8270	10 µg/L
2-Methylnaphthalene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
4-Methyl-2-pentanone	8240	1 µg/L	8240	10 µg/L
Molybdenum	-	-	200.7	2 µg/L
Naphthalene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
1,4-Naphthoquinone	8270	10 µg/L	8270	10 µg/L
1-Naphthylamine	8270	10 µg/L	8270	10 µg/L
2-Naphthylamine	8270	10 µg/L	8270	10 µg/L
Nickel	6010	4 µg/L	200.7	4 µg/L
Nitrate as nitrogen	300.0	50 µg/L	352.1	20 µg/L
	353.3	50 µg/L		
Nitrite as nitrogen	300.0	10 µg/L	300.0	80 µg/L
	APHA419*	20 µg/L		
2-Nitroaniline	8270	10 µg/L	8270	50 µg/L
3-Nitroaniline	8270	10 µg/L	8270	50 µg/L
4-Nitroaniline	8270	10 µg/L	8270	50 µg/L
Nitrobenzene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
2-Nitrophenol	8270	10 µg/L	625	10 µg/L
4-Nitrophenol	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
4-Nitroquinoline-1-oxide	8270	10 µg/L	8270	10 µg/L
N-Nitrosodi-n-butylamine	8270	10 µg/L	8270	10 µg/L
N-Nitrosodiethylamine	8270	10 µg/L	8270	10 µg/L
N-Nitrosodimethylamine	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
N-Nitrosodiphenylamine	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
N-Nitrosodi-propylamine	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
N-Nitrosomethylethylamine	8270	10 µg/L	8270	10 µg/L
N-Nitrosomorpholine	8270	10 µg/L	8270	10 µg/L
N-Nitrosopiperidine	8270	10 µg/L	8270	10 µg/L
N-Nitrosopyrrolidine	8270	10 µg/L	8270	10 µg/L
5-Nitro-o-toluidine	8270	10 µg/L	8270	10 µg/L
Octachlorodibenzo-p-dioxin isomers	8280	0.001 µg/L	8280	0.00651 µg/L

- Not analyzed or no detection limit.
* Standard method (American Public Health Association, 1985).

Table 18. Methods and Detection Limits Used by General Engineering and IT Analytical Services (cont.)

Analyte	GE Method	GE Detection Limit	IT Method	IT Detection Limit
Octachlorodibenzo-p-furan isomers	8280	0.001 µg/L	8280	0.00198 µg/L
Oil & grease	413.1	1,000 µg/L	413.1	1,000 µg/L
Parathion	8080	0.5 µg/L	8270	10 µg/L
			8080	0.2 µg/L
Parathion methyl	8080	0.5 µg/L	8270	10 µg/L
PCB 1016	8270	150 µg/L	8080	0.5 µg/L
	8080	0.5 µg/L		
PCB 1221	8270	150 µg/L	8080	0.5 µg/L
	8080	0.5 µg/L		
PCB 1232	8270	150 µg/L	8080	0.5 µg/L
	8080	0.5 µg/L		
PCB 1242	8270	150 µg/L	8080	0.5 µg/L
	8080	0.5 µg/L		
PCB 1248	8270	150 µg/L	8080	0.5 µg/L
	8080	0.5 µg/L		
PCB 1254	8270	150 µg/L	8080	1 µg/L
	8080	0.5 µg/L		
PCB 1260	8270	150 µg/L	8080	1 µg/L
	8080	0.5 µg/L		
PCB 1262	8080	0.5 µg/L	-	-
Pentachlorobenzene	8270	10 µg/L	8270	10 µg/L
Pentachlorodibenzo-p-dioxin isomers	8280	0.00055 µg/L	8280	0.000565 µg/L
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	8280	0.00055 µg/L	-	-
Pentachlorodibenzo-p-furan isomers	8280	0.00055 µg/L	8280	0.00119 µg/L
1,2,3,7,8-Pentachlorodibenzo-p-furan	8280	0.00055 µg/L	-	-
Pentachloroethane	8270	10 µg/L	8270	10 µg/L
			8240	5 µg/L
Pentachloronitrobenzene	8270	10 µg/L	8270	10 µg/L
Pentachlorophenol	8270	10 µg/L	625	50 µg/L
			8270	50 µg/L
pH	150.1	-	150.1	-
Phenacetin	8270	10 µg/L	8270	10 µg/L
Phenanthrene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Phenol	8270	10 µg/L	8270	10 µg/L
			625	10 µg/L
Phenols	420.1	5 µg/L	420.1	5 µg/L
p-Phenylenediamine	8270	10 µg/L	8270	10 µg/L
Phorate	8080	0.5 µg/L	8270	10 µg/L
2-Picoline	8270	10 µg/L	8270	10 µg/L
Potassium	6010	500 µg/L	200.7	500 µg/L
Pronamid	8270	10 µg/L	8270	10 µg/L
Propionitrile	8240	200 µg/L	8240	5 µg/L
Pyrene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
Pyridine	8270	10 µg/L	8270	10 µg/L
Safrole	8270	10 µg/L	8270	10 µg/L
Selenium	7740	2 µg/L	7740	3 µg/L
Silica	6010	100 µg/L	200.7	21.4 µg/L

- Not analyzed or no detection limit.

Table 18. Methods and Detection Limits Used by General Engineering and IT Analytical Services (cont.)

Analyte	GE Method	GE Detection Limit	IT Method	IT Detection Limit
Silver	6010	2 µg/L	200.7	2.5 µg/L
Sodium	6010	10 µg/L	200.7	10 µg/L
Specific conductance	120.1	1 µS/cm	-	-
Strontium	-	-	200.7	2 µg/L
Styrene	8240	1 µg/L	8240	5 µg/L
Sulfate	300.0	1,000 µg/L	300.0	1,000 µg/L
Sulfide	9030	1,000 µg/L	376.1	1,000 µg/L
Sulfotepp	8270	10 µg/L	-	-
1,2,4,5-Tetrachlorobenzene	8270	10 µg/L	8270	10 µg/L
Tetrachlorodibenzo-p-dioxin isomers	8280	0.00045 µg/L	8280	0.00192 µg/L
Tetrachlorodibenzo-p-furan isomers	8280	0.0004 µg/L	8280	0.00216 µg/L
1,1,1,2-Tetrachloroethane	8240	1 µg/L	8240	5 µg/L
1,1,2,2-Tetrachloroethane	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Tetrachloroethylene	8240	1 µg/L	624	5 µg/L
	8010	1 µg/L	601	0.2 µg/L
			8240	10 µg/L
2,3,4,6-Tetrachlorophenol	8270	10 µg/L	8270	10 µg/L
Tetraethyl dithiopyrophosphate	-	-	8270	10 µg/L
Thallium	7841	2 µg/L	7481	3 µg/L
Thionazin	-	-	8270	10 µg/L
Tin	282.2	2 µg/L	200.7	100 µg/L
Toluene	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
o-Toluidine	8270	10 µg/L	8270	10 µg/L
Total carbon	9060	1,000 µg/L	415.2	1,000 µg/L
Total dissolved solids	160.1	1,000 µg/L	160.2	5,000 µg/L
Total hardness	-	-	130.2	1,000 µg/L
Total hydrocarbons	418.1	1,000 µg/L	-	-
Total inorganic carbon	9060	1,000 µg/L	415.2	1,000 µg/L
Total organic carbon	9060	1,000 µg/L	415.1	1,000 µg/L
Total organic halogens	9020	5 µg/L	450.1	5 µg/L
Total petroleum hydrocarbons	418.1	1,000 µg/L	418.1	1,000 µg/L
Total phosphates (as P)	365.2	50 µg/L	365.1	10 µg/L
Total silica	6010	100 µg/L	-	-
Toxaphene	8080	0.24 µg/L	608	0.5 µg/L
	8270	10 µg/L	8080	1 µg/L
2,4,5-TP (Silvex)	8150	0.09 µg/L	509B	0.04 µg/L
			8150	0.02 µg/L
Tributyl phosphate	8270	10 µg/L	-	-
1,2,4-Trichlorobenzene	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
1,1,1-Trichloroethane	8240	1 µg/L	624	5 µg/L
	8010	1 µg/L	601	0.4 µg/L
			8240	5 µg/L
1,1,2-Trichloroethane	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L

- Not analyzed or no detection limit.

Table 18. Methods and Detection Limits Used by General Engineering and IT Analytical Services (cont.)

Analyte	GE Method	GE Detection Limit	IT Method	IT Detection Limit
Trichloroethylene	8240	1 µg/L	624	5 µg/L
	8010	1 µg/L	601	0.4 µg/L
			8240	10 µg/L
Trichlorofluoromethane	8240	1 µg/L	624	10 µg/L
			8240	10 µg/L
2,4,5-Trichlorophenol	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
2,4,6-Trichlorophenol	8270	10 µg/L	625	10 µg/L
			8270	10 µg/L
2,4,5-Trichlorophenoxyacetic acid	8150	0.5 µg/L	8150	0.02 µg/L
1,2,3-Trichloropropane	8240	1 µg/L	8240	5 µg/L
O,O,O-Triethyl phosphorothioate	8270	10 µg/L	8270	10 µg/L
1,3,5-Trinitrobenzene	8270	10 µg/L	8270	10 µg/L
Turbidity	180.1	0.1 NTU	180.1	0.1 NTU
Uranium	6010	1,000 µg/L	200.7	75 µg/L
Vanadium	6010	10 µg/L	200.7	2 µg/L
Vinyl acetate	8240	1 µg/L	8240	5 µg/L
Xylenes	8240	1 µg/L	624	5 µg/L
			8240	5 µg/L
Zinc	6010	2 µg/L	200.7	2 µg/L
Americium-241	-	-	EERFAM01	1.0E-9 µCi/mL
Antimony-125	-	-	900.0	7.3E-8 µCi/mL
Cerium-141	-	-	900.0	1.4E-8 µCi/mL
Cerium-144	-	-	900.0	6.3E-7 µCi/mL
Cesium-134	-	-	900.0	5.2E-8 µCi/mL
Cesium-137	-	-	900.0	9.9E-9 µCi/mL
Cobalt-58	-	-	900.0	9.9E-9 µCi/mL
Cobalt-60	-	-	900.0	1.2E-8 µCi/mL
Gross alpha	900.0	2E-9 µCi/mL	900.0	4.0E-9 µCi/mL
Iodine-129	-	-	900.0	4.4E-8 µCi/mL
Manganese-54	-	-	900.0	9.7E-9 µCi/mL
Niobium-95	-	-	900.0	9.7E-9 µCi/mL
Nonvolatile beta	900.0	2E-9 µCi/mL	900.0	6.0E-9 µCi/mL
Plutonium-238	-	-	EERFPU01	1.0E-9 µCi/mL
Plutonium-239	-	-	EERFPU01	1.0E-9 µCi/mL
Radium-226	-	-	900.0	3.8E-8 µCi/mL
			903.1	1.0E-9 µCi/mL
Radium-228	-	-	900.0	1.7E-7 µCi/mL
			904.1	1.0E-9 µCi/mL
Ruthenium-103	-	-	900.0	9.4E-9 µCi/mL
Ruthenium-106	-	-	900.0	8.3E-8 µCi/mL
Sodium-22	-	-	900.0	1.2E-8 µCi/mL
Strontium-89	-	-	905.0	1.0E-9 µCi/mL
Strontium-90	-	-	905.0	1.0E-9 µCi/mL
Technetium-99	-	-	RC-011*	8.0E-9 µCi/mL
Thorium-228	-	-	EERF0.07	1.0E-9 µCi/mL
Thorium-230	-	-	EERF0.07	1.0E-9 µCi/mL

- Not analyzed or no detection limit.
* St. Louis Procedure developed by metaTrace, based on Martin Marietta Procedure R-46, 6-15-89, Rev.

Table 18. Methods and Detection Limits Used by General Engineering and IT Analytical Services (cont.)

Analyte	GE Method	GE Detection Limit	IT Method	IT Detection Limit
Thorium-232	-	-	EERF0.07	1.0E-9 μCi/mL
			900.0	1.6E-8 μCi/mL
Total radium	900.1	1.0E-9 μCi/mL	903.0	1.0E-9 μCi/mL
Tritium	906.0	7.0E-7 μCi/mL	LA9763M‡	1.0E-6 μCi/mL
Uranium	908.0	1.0E-9 μCi/mL	-	-
Uranium-234	-	-	EERF0.07	1.0E-9 μCi/mL
Uranium-235	-	-	900.0	6.2E-8 μCi/mL
			EERF0.07	1.0E-9 μCi/mL
Uranium-238	-	-	900.0	4.7E-7 μCi/mL
			EERF0.07	1.0E-9 μCi/mL
Zinc-65	-	-	900.0	2.6E-8 μCi/mL
Zirconium-95	-	-	900.0	2.3E-8 μCi/mL

- Not analyzed or no detection limit
‡ An in-house method from the Los Alamos National Laboratory (1983).

7. QUALITY CONTROL SAMPLES

REPLICATE AND DUPLICATE ANALYSES OF SAMPLES

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

The replicate and duplicate analytical results are used to generate Mean Relative Difference (MRD) indexes, which are used along with *t*-test results (Steel and Torrie, 1980) to evaluate the laboratories' 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 19 lists the names and sample dates of the wells that were used as blind replicates for General Engineering and IT Analytical Services.

Table 19. Wells Providing Blind Replicate Samples

Well	Sample Date	Well	Sample Date	Well	Sample Date
ABP 1A	1/26/91	FSB 76B	1/22/91	MSB 42B	2/05/91
AOB 1	1/20/91	FSB 99A	1/10/91	MSB 43B	2/01/91
ARP 2	1/22/91	HAP 1	2/22/91	MSB 47C	1/15/91
ASB 7	1/25/91	HCA 4	2/20/91	MSB 55C	2/06/91
BG 94	2/07/91	HCB 2	2/22/91	MSB 56D	2/08/91
BGO 11D	2/01/91	HR3 13	1/18/91	P 26A	3/13/91
BGO 35C	2/06/91	HSB 66	1/16/91	PCB 4A	1/24/91
CBR 2D	2/14/91	HSB121A	1/09/91	PDB 3	3/19/91
CCB 4	2/14/91	IDB 1C	3/12/91	PSS 2D	1/25/91
CMP 11B	2/26/91	KAB 3	2/18/91	RAC 2	3/15/91
CSD 12D	2/13/91	LCO 4	2/12/91	RDB 2D	3/11/91
CSO 1	1/29/91	LFW 26	2/15/91	RSE 24	3/11/91
CSR 1	2/15/91	LSB 3	2/11/91	SBG 2	3/01/91
DBP 2	2/21/91	MSB 9A	1/21/91	SRW 3A	2/06/91
DCB 1A	2/22/91	MSB 12B	1/22/91	TBG 1	3/15/91
FAC 4	2/15/91	MSB 20A	1/23/91	TNX 2D	3/07/91
FCB 3	2/20/91	MSB 28	1/06/91	XSB 1B	3/16/91
FET 2D	2/25/91	MSB 32	1/15/91	YSB 1A	3/11/91
FNB 4	2/19/91	MSB 37C	2/03/91	YSC 5A	3/13/91

QUALITY CONTROL SAMPLES

Certain analytes were not present in concentrations above detection limits at either laboratory in any well samples having replicates or duplicates. These analytes, listed in Table 20 with each laboratory's reference detection limit (RDL), which is the 90th percentile value from the array of detection limits, are not considered in further evaluation of replicate and duplicate analysis.

Table 20. Analytes Not Showing Measurable Concentrations Above Detection Limits

	General Engineering		IT Analytical Services	
Analyte	RDL	Number of Analyses	RDL	Number of Analyses
Acenaphthene	100 µg/L	18	10 µg/L	10
Acenaphthylene	100 µg/L	18	10 µg/L	10
Acetone	10 µg/L	11	10 µg/L	4
Acetonitrile (Methyl cyanide)	100 µg/L	11	100 µg/L	4
Acetophenone	10 µg/L	17	10 µg/L	4
2-Acetylaminofluorene	10 µg/L	11	10 µg/L	4
Acrolein	20 µg/L	11	10 µg/L	4
Acrylonitrile	20 µg/L	11	5 µg/L	4
Aldrin	10 µg/L	27	0.05 µg/L	6
Allyl chloride	50 µg/L	11	100 µg/L	4
4-Aminobiphenyl	10 µg/L	11	10 µg/L	4
Aniline	10 µg/L	11	10 µg/L	4
Anthracene	100 µg/L	18	10 µg/L	10
Aramite	10 µg/L	11	10 µg/L	4
Azobenzene	–	–	10 µg/L	10
Benzene	1 µg/L	121	5 µg/L	42
alpha-Benzene hexachloride	10 µg/L	24	0.05 µg/L	4
beta-Benzene hexachloride	10 µg/L	27	0.06 µg/L	6
delta-Benzene hexachloride	10 µg/L	25	0.05 µg/L	6
Benzidine	500 µg/L	7	50 µg/L	10
Benzo[*a*]anthracene	100 µg/L	18	10 µg/L	10
Benzo[*b*]fluoranthene	100 µg/L	18	10 µg/L	10
Benzo[*k*]fluoranthene	100 µg/L	18	10 µg/L	10
Benzoic acid	–	–	50 µg/L	10
Benzo[*g,h,i*]perylene	100 µg/L	18	10 µg/L	10
Benzo[*a*]pyrene	100 µg/L	18	10 µg/L	10
1,4-Benzoquinone	–	–	10 µg/L	4
Benzyl alcohol	20 µg/L	11	10 µg/L	10
Beryllium	3 µg/L	51	0.5 µg/L	48
Bis(2-chloroethoxy) methane	100 µg/L	18	10 µg/L	10
Bis(2-chloroethyl) ether	100 µg/L	18	10 µg/L	10
Bis(2-chloroisopropyl) ether	100 µg/L	7	10 µg/L	10
Bis(chloromethyl)ether	10 µg/L	5	–	–
Bis(chloromethyl-ethyl)ether	10 µg/L	11	10 µg/L	4
Bis(2-ethylhexyl) phthalate	100 µg/L	18	10 µg/L	10
Bromide	1,000 µg/L	16	250 µg/L	6
Bromodichloromethane	1 µg/L	116	5 µg/L	38
Bromoform	1 µg/L	116	5 µg/L	38
Bromomethane (Methyl bromide)	1 µg/L	116	10 µg/L	38
4-Bromophenyl phenyl ether	100 µg/L	18	10 µg/L	10
Butylbenzyl phthalate	100 µg/L	18	10 µg/L	10

– No analyses conducted on replicate or duplicate samples.

Table 20. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

	General Engineering		IT Analytical Services	
Analyte	RDL	Number of Analyses	RDL	Number of Analyses
2-sec-Butyl-4,6-dinitrophenol	50 µg/L	11	10 µg/L	4
Carbon 12-labeled 2,3,7,8-TCDD	0.45 µg/L	14	-	-
Carbon 12-labeled 2,3,7,8-TCDF	0.40 µg/L	11	-	-
Carbon disulfide	1 µg/L	11	5 µg/L	4
Chlordane	10 µg/L	24	1 µg/L	4
4-Chloroaniline	10 µg/L	11	10 µg/L	10
Chlorobenzene	1 µg/L	116	5 µg/L	38
Chlorobenzilate	10 µg/L	11	10 µg/L	4
para-Chloro-meta-cresol	100 µg/L	18	10 µg/L	10
Chloroethane	1 µg/L	116	10 µg/L	38
Chloroethene (Vinyl chloride)	1 µg/L	116	10 µg/L	38
2-Chloroethyl vinyl ether	10 µg/L	116	10 µg/L	34
Chloromethane (Methyl chloride)	1 µg/L	116	10 µg/L	38
2-Chloronaphthalene	100 µg/L	18	10 µg/L	10
2-Chlorophenol	100 µg/L	18	10 µg/L	10
4-Chlorophenyl phenyl ether	100 µg/L	18	10 µg/L	10
Chloroprene	200 µg/L	11	5 µg/L	4
Chrysene	100 µg/L	18	10 µg/L	10
m-Cresol (3-Methylphenol)	10 µg/L	11	10 µg/L	4
o-Cresol (2-Methylphenol)	10 µg/L	11	10 µg/L	4
p-Cresol (4-Methylphenol)	10 µg/L	11	10 µg/L	4
p,p'-DDD	10 µg/L	24	0.1 µg/L	4
p,p'-DDE	10 µg/L	24	0.1 µg/L	4
p,p'-DDT	10 µg/L	24	0.1 µg/L	4
Diallate	10 µg/L	11	10 µg/L	4
Dibenz[*a*,*h*]anthracene	100 µg/L	18	10 µg/L	10
Dibenzofuran	10 µg/L	11	10 µg/L	10
Dibromochloromethane	1 µg/L	116	5 µg/L	38
1,2-Dibromo-3-chloropropane	50 µg/L	11	10 µg/L	4
1,2-Dibromoethane	20 µg/L	11	5 µg/L	4
Dibromomethane (Methylene bromide)	1 µg/L	11	10 µg/L	4
Di-n-butyl phthalate	10 µg/L	22	10 µg/L	10
1,2-Dichlorobenzene	10 µg/L	11	10 µg/L	10
1,3-Dichlorobenzene	10 µg/L	11	10 µg/L	10
1,4-Dichlorobenzene	10 µg/L	14	10 µg/L	12
3,3'-Dichlorobenzidine	100 µg/L	18	20 µg/L	10
trans-1,4-Dichloro-2-butene	30 µg/L	11	10 µg/L	4
Dichlorodifluoromethane	1 µg/L	11	5 µg/L	4
1,1-Dichloroethane	1 µg/L	116	5 µg/L	38
1,2-Dichloroethylene	-	-	5 µg/L	4
2,4-Dichlorophenol	100 µg/L	18	10 µg/L	10
2,6-Dichlorophenol	10 µg/L	11	10 µg/L	4
2,4-Dichlorophenoxyacetic acid	0.3 µg/L	260	0.1 µg/L	101
1,2-Dichloropropane	1 µg/L	116	5 µg/L	38
cis-1,3-Dichloropropene	1 µg/L	116	5 µg/L	38
trans-1,3-Dichloropropene	1 µg/L	116	5 µg/L	34
Dieldrin	10 µg/L	24	0.1 µg/L	4
Diethyl phthalate	100 µg/L	18	10 µg/L	10

- No analyses conducted on replicate or duplicate samples.

Table 20. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	General Engineering RDL	General Engineering Number of Analyses	IT Analytical Services RDL	IT Analytical Services Number of Analyses
Dimethoate	10 µg/L	11	10 µg/L	4
p-Dimethylaminoazobenzene	10 µg/L	11	10 µg/L	4
7,12-Dimethylbenz[*a*]anthracene	10 µg/L	11	10 µg/L	4
3,3'-Dimethylbenzidine	10 µg/L	11	10 µg/L	4
a,a-Dimethylphenethylamine	10 µg/L	11	10 µg/L	4
2,4-Dimethyl phenol	100 µg/L	18	10 µg/L	10
Dimethyl phthalate	100 µg/L	18	10 µg/L	10
1,3-Dinitrobenzene	10 µg/L	11	10 µg/L	4
4,6-Dinitro-ortho-cresol	-	-	50 µg/L	4
2,4-Dinitrophenol	500 µg/L	18	50 µg/L	10
2,4-Dinitrotoluene	100 µg/L	18	10 µg/L	10
2,6-Dinitrotoluene	100 µg/L	18	10 µg/L	10
Di-n-octyl phthalate	100 µg/L	18	10 µg/L	10
1,4-Dioxane	10 µg/L	11	10 µg/L	4
Diphenylamine	10 µg/L	11	10 µg/L	4
1,2-Diphenylhydrazine	100 µg/L	7	-	-
Dissolved organic carbon	1,000 µg/L	7	1000 µg/L	2
Disulfoton	10 µg/L	11	10 µg/L	4
alpha-Endosulfan	100 µg/L	7	-	-
beta-Endosulfan	100 µg/L	7	-	-
Endosulfan I	0.5 µg/L	13	0.05 µg/L	4
Endosulfan II	0.5 µg/L	13	0.1 µg/L	4
Endosulfan sulfate	10 µg/L	27	0.66 µg/L	6
Endrin aldehyde	10 µg/L	24	0.2 µg/L	4
Ethyl methacrylate	10 µg/L	11	10 µg/L	8
Ethyl methanesulfonate	10 µg/L	11	10 µg/L	4
Famphur	10 µg/L	11	10 µg/L	4
Fluoranthene	100 µg/L	18	10 µg/L	10
Fluorene	100 µg/L	18	10 µg/L	10
Heptachlor	10 µg/L	24	-	-
Heptachlor epoxide	10 µg/L	24	0.05 µg/L	4
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	0.65 µg/L	11	-	-
Heptachlorodibenzo-p-dioxin isomers	0.65 µg/L	11	1.12 µg/L	6
1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	0.45 µg/L	11	-	-
Heptachlorodibenzo-p-furan isomers	0.45 µg/L	11	1.36 µg/L	6
Hexachlorobenzene	100 µg/L	18	10 µg/L	10
Hexachlorobutadiene	100 µg/L	18	10 µg/L	10
Hexachlorocyclopentadiene	100 µg/L	18	10 µg/L	10
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	0.45 µg/L	14	-	-
Hexachlorodibenzo-p-dioxin isomers	0.45 µg/L	14	1.7 µg/L	6
1,2,3,4,7,8-Hexachlorodibenzo-p-furan	0.40 µg/L	11	-	-
Hexachlorodibenzo-p-furan isomers	0.4 µg/L	11	1.26 µg/L	6
Hexachloroethane	100 µg/L	18	10 µg/L	10
Hexachlorophene	50 µg/L	11	10 µg/L	4
Hexachloropropene	10 µg/L	11	10 µg/L	4
2-Hexanone	20 µg/L	11	10 µg/L	4
Indeno[1,2,3-*c,d*]pyrene	100 µg/L	18	10 µg/L	10
Iodine	100 µg/L	17	100 µg/L	5

- No analyses conducted on replicate or duplicate samples.

Table 20. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

	General Engineering		IT Analytical Services	
Analyte	RDL	Number of Analyses	RDL	Number of Analyses
Iodomethane (Methyl iodide)	15 µg/L	11	5 µg/L	4
Isobutyl alcohol	100 µg/L	11	-	-
Isodrin	10 µg/L	11	10 µg/L	4
Isophorone	100 µg/L	18	10 µg/L	10
Isosafrole	10 µg/L	11	10 µg/L	4
Kepone	10 µg/L	11	10 µg/L	4
Lithium	5 µg/L	23	20 µg/L	42
Methacrylonitrile	50 µg/L	11	5 µg/L	4
Methapyrilene	10 µg/L	11	10 µg/L	4
Methoxychlor	0.5 µg/L	262	0.5 µg/L	105
3-Methylcholanthrene	10 µg/L	11	10 µg/L	4
2-Methyl-4,6-dinitrophenol	500 µg/L	18	-	-
Methyl ethyl ketone	10 µg/L	11	10 µg/L	4
Methyl methacrylate	10 µg/L	11	5 µg/L	4
Methyl methanesulfonate	10 µg/L	11	10 µg/L	4
2-Methylnaphthalene	10 µg/L	11	10 µg/L	10
4-Methyl-2-pentanone	1 µg/L	11	10 µg/L	4
Naphthalene	10 µg/L	24	10 µg/L	10
1,4-Naphthoquinone	10 µg/L	11	10 µg/L	4
1-Naphthylamine	10 µg/L	11	10 µg/L	4
2-Naphthylamine	10 µg/L	11	10 µg/L	4
2-Nitroaniline	10 µg/L	11	50 µg/L	4
3-Nitroaniline	10 µg/L	11	50 µg/L	4
4-Nitroaniline	10 µg/L	11	50 µg/L	4
Nitrobenzene	100 µg/L	18	10 µg/L	10
2-Nitrophenol	100 µg/L	18	10 µg/L	6
4-Nitrophenol	100 µg/L	18	10 µg/L	10
4-Nitroquinoline-1-oxide	10 µg/L	11	10 µg/L	4
N-Nitrosodi-n-butylamine	10 µg/L	11	10 µg/L	4
N-Nitrosodiethylamine	10 µg/L	11	10 µg/L	4
N-Nitrosodimethylamine	100 µg/L	18	10 µg/L	10
N-Nitrosodiphenylamine	100 µg/L	18	10 µg/L	10
N-Nitrosodi-propylamine	100 µg/L	18	10µg/L	10
N-Nitrosomethylethylamine	10 µg/L	11	10 µg/L	4
N-Nitrosomorpholine	10 µg/L	11	10 µg/L	4
N-Nitrosopiperidine	10 µg/L	11	10 µg/L	4
N-Nitrosopyrrolidine	10 µg/L	11	10 µg/L	4
5-Nitro-o-toluidine	10 µg/L	11	10 µg/L	4
Octachlorodibenzo-p-dioxin isomers	1 µg/L	14	6.51 µg/L	6
Octachlorodibenzo-p-furan isomers	1 µg/L	11	2.33 µg/L	6
Parathion	0.5 µg/L	11	10 µg/L	4
Parathion methyl	0.5 µg/L	11	10 µg/L	4
PCB 1016	1,500 µg/L	18	0.5 µg/L	4
PCB 1221	1,500 µg/L	18	0.5 µg/L	4
PCB 1232	1,500 µg/L	18	0.5 µg/L	4
PCB 1242	1,500 µg/L	18	0.5 µg/L	4
PCB 1248	1,500 µg/L	18	0.5 µg/L	4
PCB 1254	1,500 µg/L	18	1 µg/L	4

- No analyses conducted on replicate or duplicate samples.

Table 20. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	General Engineering RDL	General Engineering Number of Analyses	IT Analytical Services RDL	IT Analytical Services Number of Analyses
PCB 1260	1,500 µg/L	18	1 µg/L	4
PCB 1262	0.5 µg/L	11	-	-
Pentachlorobenzene	10 µg/L	11	10 µg/L	4
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	0.55 µg/L	14	-	-
Pentachlorodibenzo-p-dioxin isomers	0.55 µg/L	14	5.98 µg/L	6
1,2,3,7,8-Pentachlorodibenzo-p-furan	0.55 µg/L	14	-	-
Pentachlorodibenzo-p-furan isomers	0.55 µg/L	14	1.4 µg/L	6
Pentachloroethane	10 µg/L	11	10 µg/L	8
Pentachloronitrobenzene	10 µg/L	11	10 µg/L	4
Pentachlorophenol	100 µg/L	18	50 µg/L	10
Phenacetin	10 µg/L	11	10 µg/L	4
Phenanthrene	100 µg/L	18	10 µg/L	10
Phenol	100 µg/L	18	10 µg/L	10
p-Phenylenediamine	10 µg/L	11	10 µg/L	4
Phorate	0.5 µg/L	11	10 µg/L	4
2-Picoline	10 µg/L	11	10 µg/L	4
Pronamid	10 µg/L	11	10 µg/L	4
Propionitrile	200 µg/L	11	5 µg/L	4
Pyrene	100 µg/L	18	10 µg/L	10
Pyridine	10 µg/L	11	10 µg/L	4
Safrole	10 µg/L	11	10 µg/L	4
Styrene	1 µg/L	11	5 µg/L	4
Sulfide	1,000 µg/L	22	1,000 µg/L	6
Sulfotepp	10 µg/L	11	-	-
1,2,4,5-Tetrachlorobenzene	10 µg/L	11	10 µg/L	4
Tetrachlorodibenzo-p-dioxin isomers	0.45 µg/L	14	1.92 µg/L	6
Tetrachlorodibenzo-p-furan isomers	0.4 µg/L	11	2.16 µg/L	6
1,1,1,2-Tetrachloroethane	1 µg/L	11	5 µg/L	4
2,3,4,6-Tetrachlorophenol	10 µg/L	11	10 µg/L	4
Tetraethyl dithiophyrophosphate	-	-	10 µg/L	4
Thallium	2 µg/L	39	3 µg/L	61
Thionazin	-	-	10 µg/L	4
o-Toluidine	10 µg/L	11	10 µg/L	4
Total petroleum hydrocarbons	1,000 µg/L	18	1,000 µg/L	8
Toxaphene	0.24 µg/L	283	1 µg/L	105
1,2,4-Trichlorobenzene	100 µg/L	18	10 µg/L	10
2,4,5-Trichlorophenol	10 µg/L	11	10 µg/L	10
2,4,6-Trichlorophenol	100 µg/L	18	10 µg/L	10
2,4,5-Trichlorophenoxyacetic acid	0.5 µg/L	11	0.02 µg/L	4
1,2,3-Trichloropropane	1 µg/L	11	5 µg/L	4
O,O,O-Triethyl phosphorothioate	10 µg/L	11	10 µg/L	4
1,3,5-Trinitrobenzene	10 µg/L	11	10 µg/L	4
Vinyl acetate	1 µg/L	11	5 µg/L	4
Xylenes	1 µg/L	20	5 µg/L	12
Antimony-125	-	-	6.8E-8 µCi/mL	35
Cerium-141	-	-	1.3E-8 µCi/mL	35
Cerium-144	-	-	4.7E-7 µCi/mL	35
Cesium-134	-	-	4.6E-8 µCi/mL	35

- No analyses conducted on replicate or duplicate samples.

Table 20. Analytes Not Showing Measurable Concentrations Above Detection Limits (cont.)

Analyte	General Engineering RDL	General Engineering Number of Analyses	IT Analytical Services RDL	IT Analytical Services Number of Analyses
Cesium-137	-	-	1.0E-8 μCi/mL	35
Cobalt-58	-	-	1.1E-8 μCi/mL	35
Cobalt-60	-	-	1.2E-8 μCi/mL	35
Manganese-54	-	-	9.6E-9 μCi/mL	35
Niobium-95	-	-	9.9E-9 μCi/mL	35
Plutonium-238	-	-	1.0E-9 μCi/mL	9
Radium-228 (Gamma PHA)	-	-	1.6E-7 μCi/mL	35
Ruthenium-103	-	-	9.1E-9 μCi/mL	35
Ruthenium-106	-	-	8.9E-8 μCi/mL	35
Sodium-22	-	-	1.2E-8 μCi/mL	35
Thorium-230	-	-	1.0E-9 μCi/mL	7
Thorium-232	-	-	1.0E-9 μCi/mL	7
Uranium-235 (Gamma PHA)	-	-	5.0E-8 μCi/mL	35
Zinc-65	-	-	2.5E-8 μCi/mL	35
Zirconium-95	-	-	2.1E-8 μCi/mL	35

- No analyses conducted on replicate or duplicate samples.

Intralaboratory Comparisons

There are two types of intralaboratory comparisons: in-house duplicate and blind replicate. The MRD, devised by EPD/EMS personnel to assess the reproducibility of identical chemical analyses, 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 concentration in a water sample for the i^{th} well,

y_i = the analyte's 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.

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. 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 establish a reference detection limit (RDL) for each laboratory. This is set as the 90th percentile value. All of the results less than the RDL are adjusted up to that value. Results that are detection limit values above the RDL are eliminated from the MRD index calculations. By definition, fewer than 10% of the detection limit values are above the RDL.

The intralaboratory MRD index for General Engineering is listed in Table 21.

Table 21. Intralaboratory MRD Index for General Engineering

Analyte	RDL	In-house Duplicates Number of Analyses	In-house Duplicates MRD	Blind Replicates Number of Analyses	Blind Replicates MRD
Alkalinity	5,000 µg/L	7	1.37	2	18.64
Aluminum	20.0 µg/L	35	11.14	10	40.58
Antimony	3 µg/L	23	0.97	10	-
Arsenic	2 µg/L	94	0.43	57	-
Barium	3 µg/L	94	4.80	57	14.35
gamma-Benzene hexachloride (Lindane)	0.01 µg/L	84	1.63	57	0.46
Bromide	1,000 µg/L	4	-	5	-
Cadmium	2.0 µg/L	95	0.09	57	0.06
Calcium	10 µg/L	93	5.86	57	14.15
Carbon tetrachloride	1.0 µg/L	49	1.36	33	4.96
Chloride	250 µg/L	84	2.31	57	5.82
Chloroform	1.0 µg/L	49	2.76	33	0.87
Chromium	4 µg/L	95	1.48	57	8.05
Cobalt	4 µg/L	21	-	8	-
Copper	4 µg/L	47	6.24	22	22.02
Cyanide	5 µg/L	24	-	10	-
1,2-Dichloroethane	1.0 µg/L	34	3.14	21	4.76
trans-1,2-Dichloroethene	1.0 µg/L	34	-	21	0.38
1,1-Dichloroethylene	1.0 µg/L	34	0	21	0.18
Dichloromethane (Methylene chloride)	10 µg/L	35	4.35	21	1.70
Endrin	0.01 µg/L	84	-	57	-
Ethylbenzene	1.0 µg/L	34	-	21	0.83
Fluoride	100 µg/L	85	0.45	57	0.87
Iron	4.0 µg/L	94	25.65	57	43.83
Lead	3.0 µg/L	95	14.47	57	23.40
Magnesium	2.0 µg/L	93	6.38	57	9.03
Manganese	2.0 µg/L	92	5.95	57	11.25
Mercury	0.2 µg/L	95	0.15	57	3.41
Nickel	4.0 µg/L	45	0.98	16	2.08
Nitrate as nitrogen	50 µg/L	84	2.31	57	4.46
Nitrite as nitrogen	10 µg/L	11	-	4	-
Oil & grease	1,000 µg/L	1	-	2	-
pH	N/A	84	0.14	57	2.39
Phenols	5 µg/L	85	-	57	-
Potassium	500 µg/L	93	2.54	57	3.60
Selenium	2.0 µg/L	94	0	57	1.50
Silica	100 µg/L	96	5.86	57	10.17
Silver	2.0 µg/L	94	-	57	0.76
Sodium	10.0 µg/L	88	6.14	55	8.80
Specific conductance	1 µS/cm	84	0.94	57	8.30
Sulfate	1,000 µg/L	84	6.19	57	27.87
1,1,2,2-Tetrachloroethane	1 µg/L	34	-	21	0
Tetrachloroethylene	1 µg/L	53	13.02	33	2.56
Tin	2 µg/L	15	14.15	4	36.67
Toluene	1 µg/L	35	0	23	1.74
2,4,5-TP (Silvex)	0.09 µg/L	79	-	55	2.15

- No results above reference detection limit.
N/A Not applicable.

Table 21. 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
Total carbon	1,000 µg/L	7	5.32	2	46.67
Total dissolved solids	1,000 µg/L	84	10.65	57	23.76
Total inorganic carbon	1,000 µg/L	7	5.32	2	46.67
Total organic carbon	1,000 µg/L	85	2.15	57	3.93
Total organic halogens	5.0 µg/L	84	5.18	57	75.19
Total phosphates	50 µg/L	83	1.28	57	2.39
Total silica	100 µg/L	3	10.53	0	-
Tributyl phosphate	10 µg/L	3	-	0	-
1,1,1-Trichloroethane	1.0 µg/L	49	3.81	33	3.43
1,1,2-Trichloroethane	1.0 µg/L	34	-	21	0
Trichloroethylene	1.0 µg/L	56	6.56	33	5.40
Trichlorofluoromethane	1.0 µg/L	34	0.88	21	-
Turbidity	0.1 NTU	5	4.28	3	48.91
Uranium	1,000 µg/L	34	-	9	-
Vanadium	10 µg/L	22	0	10	-
Zinc	2.0 µg/L	41	16.97	15	37.07
Gross alpha	2.0E-9 µCi/mL	84	5.35	59	4.14
Nonvolatile beta	2.0E-9 µCi/mL	84	18.76	59	13.42
Total radium	1.0E-9 µCi/mL	79	26.75	56	25.05
Tritium	7.0E-7 µCi/mL	84	4.63	59	7.94

- No results above reference detection limit.

The intralaboratory MRD index for IT Analytical Services is listed in Table 22.

Table 22. Intralaboratory MRD Index for IT Analytical Services

Analyte	RDL	In-house Duplicates Number of Analyses	In-house Duplicates MRD	Blind Replicates Number of Analyses	Blind Replicates MRD
Aluminum	10.0 µg/L	30	6.41	12	4.45
Alkalinity	5,000 µg/L	3	1.55	2	22.98
Antimony	3.0 µg/L	30	-	10	-
Arsenic	2.0 µg/L	26	2.99	53	0.24
Barium	1.0 µg/L	32	5.71	53	6.19
gamma-Benzene hexachloride (Lindane)	0.01 µg/L	0	-	50	1.48
Bromide	250 µg/L	2	0.63	3	-
Cadmium	1.5 µg/L	32	0.37	53	1.24
Calcium	7.5 µg/L	32	17.44	53	5.16
Carbon tetrachloride	5.0 µg/L	0	-	30	-
Chloride	250.0 µg/L	31	4.00	52	2.96
Chloroform	5.0 µg/L	0	-	30	-
Chromium	2.5 µg/L	32	0.42	52	8.52
Cobalt	5.0 µg/L	28	0.48	8	-
Copper	2.0 µg/L	30	3.31	22	13.55

- No results above reference detection limit.

Table 22. Intralaboratory MRD Index for IT Analytical Services (cont.)

Analyte	RDL	In-house Duplicates Number of Analyses	In-house Duplicates MRD	Blind Replicates Number of Analyses	Blind Replicates MRD
Cyanide	5.0 µg/L	16	0.58	10	-
1,2-Dichloroethane	5.0 µg/L	0	-	19	-
trans-1,2-Dichloroethene	5.0 µg/L	0	-	17	0.16
1,1-Dichloroethylene	5.0 µg/L	0	-	19	0
Dichloromethane (Methylene chloride)	5.0 µg/L	0	-	19	-
Endrin	0.02 µg/L	0	-	50	1.88
Ethylbenzene	5.0 µg/L	0	-	19	1.24
Fluoride	250.0 µg/L	29	1.05	52	0.20
Iron	5.0 µg/L	31	17.82	53	40.20
Lead	3.0 µg/L	28	0.65	53	8.34
Magnesium	2.0 µg/L	32	14.55	53	4.86
Manganese	1.0 µg/L	31	6.51	53	5.56
Mercury	0.3 µg/L	35	0.34	53	2.32
Nickel	4.0 µg/L	30	0.75	16	0.64
Nitrate as nitrogen	100 µg/L	32	5.74	53	11.38
Nitrite as nitrogen	400 µg/L	1	0	4	5.71
Oil & grease	1,000 µg/L	0	-	2	95.60
pH	N/A	53	0.23	53	1.42
Phenols	5.0 µg/L	22	0.35	53	3.70
Potassium	500 µg/L	31	2.05	53	4.79
Selenium	3.0 µg/L	28	-	53	0.73
Silica	21.4 µg/L	31	8.65	53	6.55
Silver	2.5 µg/L	31	0	52	-
Sodium	10.0 µg/L	34	12.02	53	3.90
Specific conductance	N/A	37	0.65	53	7.66
Sulfate	1,000 µg/L	28	0.38	53	1.67
1,1,2,2-Tetrachloroethane	5.0 µg/L	0	-	19	-
Tetrachloroethylene	10.0 µg/L	0	-	30	1.84
Tin	100 µg/L	19	-	4	-
Toluene	5.0 µg/L	0	-	21	0.87
2,4,5-TP (Silvex)	0.02 µg/L	0	-	46	3.62
Total carbon	1,000 µg/L	1	19.87	2	33.68
Total dissolved solids	5,000 µg/L	33	7.76	53	27.02
Total inorganic carbon	1,000 µg/L	1	3.67	2	18.37
Total organic carbon	1,000 µg/L	31	5.26	53	16.07
Total organic halogens	5.0 µg/L	28	10.23	53	17.13
Total phosphates	10 µg/L	30	17.94	52	22.86
1,1,1-Trichloroethane	5.0 µg/L	0	-	30	1.15
1,1,2-Trichloroethane	5.0 µg/L	0	-	19	-
Trichloroethylene	5.0 µg/L	0	-	28	5.83
Trichlorofluoromethane	10.0 µg/L	0	-	19	-
Turbidity	0.1 NTU	5	4.83	3	19.09
Uranium	75.0 µg/L	28	0.45	8	-
Vanadium	2.0 µg/L	30	0	10	0.41
Zinc	2.0 µg/L	27	12.50	15	22.05
Americium-241	1.5E-9 µCi/mL	7	20.85	6	74.06
Gross alpha	4.0E-9 µCi/mL	24	1.03	56	13.32

- No results above reference detection limit.
N/A Not applicable.

Table 22. Intralaboratory MRD Index for IT Analytical Services (cont.)

Analyte	RDL	In-house Duplicates Number of Analyses	In-house Duplicates MRD	Blind Replicates Number of Analyses	Blind Replicates MRD
Nonvolatile beta	6.0E-9 µCi/mL	24	3.31	58	12.16
Plutonium-239	1.0E-9 µCi/mL	2	-	3	59.82
Radium-226	1.0E-9 µCi/mL	18	6.88	6	12.68
Radium-226 (Gamma PHA)	3.2E-8 µCi/mL	7	0	9	0
Radium-228	1.0E-9 µCi/mL	11	10.10	6	-
Total radium	1.0E-9 µCi/mL	23	10.23	47	14.89
Strontium-89	1.0E-9 µCi/mL	8	26.44	6	-
Strontium-90	1.0E-9 µCi/mL	7	7.85	6	3.03
Thorium-228	1.0E-9 µCi/mL	2	9.09	2	9.09
Thorium-232	1.3E-8 µCi/mL	6	2.32	9	1.48
Thorium-232 (Gamma PHA)	1.5E-8 µCi/mL	6	2.33	10	0.65
Tritium	1.0E-9 µCi/mL	27	0.95	58	11.89
Uranium-234	1.0E-9 µCi/mL	4	23.21	6	43.46
Uranium-235	1.0E-9 µCi/mL	4	8.90	6	38.07
Uranium-238	1.0E-9 µCi/mL	4	8.33	6	36.18
Uranium-238 (Gamma PHA)	4.3E-7 µCi/mL	7	1.25	10	0.23

- No results above reference detection limit.

Interlaboratory Comparison

Choosing a Reference Detection Limit

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

Normalizing Data to the RDL

All of the results less than the RDL are adjusted to the new RDL value. Results that are detection limit values and are above the RDL are eliminated from the MRD index comparison and from the *t*-tests. By definition, fewer than 10% of the detection limit values are above the RDL.

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

In addition to the interlaboratory MRD calculations, paired *t*-tests are performed to see if the difference between the mean concentrations of an analyte from the same well reported by each laboratory is significant. The *t*-test tests the null hypothesis that there is no significant difference in the concentrations given by the two laboratories. The MRD and *t*-test results for the analytes with at least one result above the interlaboratory RDL are listed in Table 23.

Table 23. MRD and *t*-Test Results for Analytes With at Least One Result Above the Reference Detection Limit

Analyte	RDL	MRD	*t*-test Probability*
Alkalinity (as $CaCO_3$)	5,000 µg/L	20.72	.681
Aluminum	20.0 µg/L	30.48	.052
Arsenic	2.0 µg/L	3.07	.322
Barium	3.0 µg/L	14.86	.634
gamma-Benzene hexachloride (Lindane)	0.01 µg/L	4.70	.316
Cadmium	2.0 µg/L	3.24	.318
Calcium	10.0 µg/L	15.60	.330
Chloride	250 µg/L	11.32	.937
Chromium	4.0 µg/L	9.67	.340
Copper	4.0 µg/L	20.49	.195
trans-1,2-Dichloroethene	5.0 µg/L	14.04	.470
1,1-Dichloroethylene	5.0 µg/L	1.74	.331
Dichloromethane (Methylene chloride)	5.0 µg/L	10.83	.076
Endrin	0.02 µg/L	4.74	.310
Ethylbenzene	5.0 µg/L	1.58	.331
Fluoride	250 µg/L	7.19	.107
Iron	5.0 µg/L	57.78	.357
Lead	3.0 µg/L	21.22	.426
Magnesium	2.0 µg/L	10.98	.346
Manganese	2.0 µg/L	10.85	.302
Mercury	0.20 µg/L	11.84	.803
Nickel	4.0 µg/L	4.40	.333
Nitrate as nitrogen	100 µg/L	19.11	.131
Nitrite as nitrogen	400 µg/L	68.72	.220
Oil & grease	1,000 µg/L	139.35	.315
pH	-	3.67	<.001
Phenols	5.0 µg/L	2.21	.892
Potassium	500 µg/L	7.99	.003
Selenium	3.0 µg/L	3.35	.149
Silica	21.4 µg/L	11.43	.090
Silver	2.50 µg/L	0.15	.322
Sodium	10.0 µg/L	15.03	.539
Specific conductance	-	39.07	.603
Sulfate	1,000 µg/L	38.44	.280
Tetrachloroethylene	5.0 µg/L	11.43	.265
Toluene	5.0 µg/L	1.47	.329
Total carbon	1,000 µg/L	45.22	.998
Total dissolved solids	5,000 µg/L	51.15	.348
Total inorganic carbon	1,000 µg/L	57.43	.908
Total organic carbon	1,000 µg/L	20.06	.001
Total organic halogens	5.0 µg/L	79.27	.042
Total phosphates (as P)	50.0 µg/L	17.52	.012
2,4,5-TP (Silvex)	0.09 µg/L	1.68	.322
1,1,1-Trichloroethane	5.0 µg/L	4.89	.328
Trichloroethylene	5.0 µg/L	15.82	.122
Turbidity	-	66.44	.426
Zinc	2.0 µg/L	38.22	.383
Gross alpha	3.0E-9 µCi/mL	21.53	.125

* Values less than .05 indicate a probability of less than 1 in 20 that the results for that analyte are the same from both laboratories.
- Not applicable.

Table 23. MRD and *t*-Test Results for Analytes With at Least One Result Above the Reference Detection Limit (cont.)

Analyte	RDL	MRD	*t*-test Probability*
Nonvolatile beta	5.0E-9 μCi/mL	14.15	.063
Total radium	1.0E-9 μCi/mL	27.57	.799
Tritium	1.0E-9 μCi/mL	21.67	.002

COMMENTS ON THE REPLICATE AND DUPLICATE ANALYSES

Intralaboratory Comparison

High MRDs (greater than 20) were calculated for laboratory duplicates from General Engineering (see Table 21) for iron and total radium. Table 24 lists analytes and wells from which samples and laboratory duplicates yielded results where one result was more than twice the other. Samples labeled EPT are equipment blanks sent to the laboratory by EPD/EMS.

Table 24. General Engineering Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Aluminum	MSB 18A
gamma-Benzene hexachloride (Lindane)	ARP 1A
Dichloromethane (Methylene chloride)	MCB 2
Iron	ABP 1A, ABW 1, ASB 3C, BGO 11D, EPT 43, EPT 90, LFW 26, MSB 9A, MSB 23B, SSS 17
Lead	CMP 12, CSD 12D, MSB 2B, MSB 12TA
Tetrachloroethylene	ASB 1A, MSB 19A, MSB 74B, SRW 2
Tin	EPT 83, EPT 90
1,1,1-Trichloroethane	MSB 47C
Zinc	FNB 4
Gross alpha	BGO 11D
Nonvolatile beta	ASB 3C, CMP 10, HCA 1, XSB 1A
Total radium	ABP 1A, BGO 11D, HAC 1, LFW 26, MSB 2B, MSB 5A, MSB 67C, MSB 74B, PRP 1A, RAC 2

High MRDs (greater than 20) for blind replicates from General Engineering were calculated for aluminum, copper, iron, lead, sulfate, tin, total carbon, total dissolved solids, total inorganic carbon, total organic halogens, turbidity, zinc, and total radium. Table 25 lists the analytes and wells from which samples and blind replicates yielded results where one result was more than twice the other.

Table 25. General Engineering Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Aluminum	BG 94, BGO 11D, HSB 66, IDB 1C
Barium	FCB 3
Calcium	ARP 2, PSS 2D
Carbon tetrachloride	TBG 1

Table 25. General Engineering Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another (cont.)

Analyte	Wells
Chloride	TBG 1
Chromium	ABP 1A, FCB 3
Copper	FCB 3, IDB 1C, YSB 1A
1,2-Dichloroethane	HCA 4
Iron	ABP 1A, ARP 2, BGO 11D, CCB 4, CMP 11B, CSO 1, FCB 3, FSB 76B, LFW 26, MSB 20A, MSB 37C, MSB 42B, MSB 43B, SBG 2
Lead	FCB 3, HAP 1, MSB 37C, MSB 56D
Magnesium	FCB 3
Manganese	BG0 11D, FCB 3
Mercury	CBR 2D
Selenium	LCO 4
Silica	FCB 3
Sulfate	ABP 1A, BG 94, FNB 4, MSB 43B, PCB 4A, SBG 2, SRW 3A, TBG 1, XSB 1B
Tin	ABP 1A
Total carbon	BG 94
Total dissolved solids	DBP 2, MSB 28, PCB 4A, RSE 24, SBG 2
Total inorganic carbon	BG 94
Total organic halogens	BGO 11D, CBR 2D, CSO 1, CSR 1, DCB 1A, FAC 4, FCB 3, FSB 76B, HCB 2, HSB 66, LCO 4, LFW 26, MSB 9A, MSB 12B, MSB 20A, MSB 32, MSB 37C, MSB 42B, MSB 43B, MSB 55C, MSB 56D, PCB 4A, PDB 3, PSS 2D, RDB 2D, YSB 1A
2,4,5-TP (Silvex)	HCA 4
1,1,1-Trichloroethane	MSB 47C
Trichloroethylene	HSB121A
Turbidity	FAC 4
Zinc	ABP 1A, FNB 4
Gross alpha	MSB 56D
Nonvolatile beta	LFW 26
Total radium	CCB 4, DBP 2, FCB 3, HR3 13, KAB 3, MSB 12B, XSB 1B, YWC 5A

High MRDs (greater than 20) for laboratory duplicates from IT Analytical Services were calculated for americium-241, strontium-89, and uranium-234.

Table 26 lists analytes and wells from which samples and laboratory duplicates yielded results where one result is more than twice the other. Samples labeled EPT are equipment blank samples.

Table 26. IT Analytical Services Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
Aluminum	EPT142
Barium	EPT142
Calcium	EPT108, EPT142
Copper	BGO 2D
Iron	EPT101, EPT139, KSB 1
Magnesium	EPT142
Manganese	EPT142

Table 26. IT Analytical Services Samples and Laboratory Duplicates Yielding Results Where One Is More Than Twice Another (cont.)

Analyte	Wells
Nitrate as nitrogen	BGO 27C
Silica	EPT142
Sodium	EPT133, EPT142
Total organic halogens	BGO 16A
Total phosphates (as P)	FCB 4
Americium-241	FSB112C
Strontium-89	HSB116D
Uranium-234	BGO 15D

High MRDs for blind replicates from IT Analytical Services were calculated for alkalinity, iron, oil & grease, total carbon, total dissolved solids, zinc, americium-241, plutonium-239, and uranium-234.

Table 27 lists analytes and wells from which samples and blind replicates yielded results where one result was more than twice the other.

Table 27. IT Analytical Services Samples and Blind Replicates Yielding Results Where One Is More Than Twice Another

Analyte	Wells
gamma-Benzene hexachloride (Lindane)	RSE 24
Chromium	FSB 99A, LFW 26, TNX 2D
Copper	FCB 3, YSB 1A
Endrin	RSE 24
Iron	ARP 2, BG 94, CSR 1, DBP 2, FAC 4, FSB 99A, LCO 4, LFW 26, MSB 12B, MSB 43B, TNX 2D, YWB 1A
Lead	MSB 56D, YSB 1A
Nitrate as nitrogen	BGO 35C, DCB 1A, P 26A
Oil & grease	HAP 1
Phenols	CCB 4, CSR 1
Silica	BGO 11D, DBP 2
Specific conductance	PSS 2D
Total dissolved solids	BG 94, CSR 1, FAC 4, IDB 1C, KAB 3, LSB 3, MSB 55C
Total organic carbon	CMP 11B, YSB 1A
Total organic halogens	ARP 2, CCB 4, PCB 4A, TNX 2D, YSC 5A
Total phosphates (as P)	CCB 4, CSR 1, IDB 1C, MSB 32
2,4,5-TP (Silvex)	DBP 2, YSB 1A
Trichloroethylene	MSB 47C
Zinc	ABP 1A
Americium-241	HSB 66, P 26A, TNX 2D
Gross alpha	DCB 1A, FTF 18, MGC 19, PCB 4A
Nonvolatile beta	FCB 3, FTF 18, MGC 19
Plutonium-239	P 26A
Total radium	DBP 2, HR3 13
Tritium	BGO 35C, TNX 2D
Uranium-234	ASB 7, P 26A
Uranium-235	ASB 7, BGO 11D
Uranium-238	ASB 7, BGO 11D

QUALITY CONTROL SAMPLES

Interlaboratory Comparison

Interlaboratory comparison results (see Table 23) yielded MRDs greater than 20 for the following analytes: alkalinity, aluminum, copper, iron, lead, nitrite as nitrogen, oil & grease, specific conductance, sulfate, total carbon, total dissolved solids, total inorganic carbon, total organic carbon, total organic halogens, turbidity, zinc, gross alpha, total radium, and tritium.

Table 28 lists analytes and wells where a result from one laboratory was more than twice a result from the other laboratory.

Table 28. Analytes With One Laboratory's Result Greater Than Twice a Result From the Other Laboratory

Analyte	Wells
Aluminum	HSB 66
Arsenic	DCB 1A
Barium	CMP 11B, FCB 3
gamma-Benzene hexachloride (Lindane)	TNX 2D
Cadmium	DCB 1A
Calcium	ARP 2, CBR 2D, PSS 2D
Chloride	DCB 1A, HCB 2
Chromium	ABP 1A, DCB 1A, FCB 3, TNX 2D
Copper	FCB 3, IDB 1C, YSB 1A
trans-1,2-Dichloroethylene	MSB 9A, MSB 12B
Dichloromethane (Methylene chloride)	LFW 26
Endrin	TNX 2D
Fluoride	DCB 1A, HCB 2, PCB 4A
Iron	BGO 11D, BGO 35C, CCB 4, CMP 11B, DBP 2, FAC 4, FET 2D, IDB 1C, LFW 26, MSB 20A, MSB 32, MSB 37C, MSB 43B, RDB 2D, RSE 24, SBG 2, SRW 3A, TNX 2D, YSB 1A, YSC 5A
Mercury	BGO 35C, CBR 2D, MSB 42B
Nickel	YSB 1A
Nitrate as nitrogen	BGO 35C, DCB 1A, P 26A, PSS 2D
Nitrite as nitrogen	BG 94, CSD 12D
Oil & grease	HAP 1, HCB 2
Selenium	DCB 1A
Silica	FCB 3
Sodium	RDB 2D
Specific conductance	BGO 11D, DCB 1A, MSB 37C, MSB 42B, PSS 2D
Sulfate	ABP 1A, CBR 2D, CSO 1, CSR 1, DCB 1A, FNB 4, HCA 4, HCB 2, LFW 26, MSB 42B, MSB 43B, PCB 4A, SBG 2, SRW 3A
Tetrachloroethylene	RWM 6
Total dissolved solids	AOB 1, ARP 2, BG 94, BGO 11D, CBR 2D, DBP 2, DCB 1A, FNB 4, MSB 28, MSB 37C, MSB 43B, MSB 55C, MSB 56D, P 26A, PSS 2D, SBG 2
Total inorganic carbon	IDB 1C
Total organic carbon	CMP 11B, CSR 1, TNX 2D, YSB 1A
Total organic halogens	ARP 2, BGO 11D, CSD 12D, CSO 1, CSR 1, DBP 2, FAC 4, FCB 3, FNB 4, FSB 76B, HR3 13, LFW 26, MSB 9A, MSB 12B, MSB 20A, MSB 32, MSB 42B, MSB 43B, MSB 47C, MSB 55C, MSB 56D, P 26A, PCB 4A, PSS 2D, TNX 2D, YSC 5A
Total phosphates (as P)	DCB 1A, FCB 3, HR3 13, TNX 2D
2,4,5-TP (Silvex)	HCA 4
1,1,1-Trichloroethane	MSB 68C

Table 28. Analytes With One Laboratory's Result Greater Than Twice a Result From the Other Laboratory (cont.)

Analyte	Wells
Trichloroethylene	MSB 47C, MSB 68C, RWM 6
Turbidity	BGO 35C, FAC 4
Zinc	ABP 1A, FSB 99A
Gross alpha	DCB 1A, FAC 4, FCB 3, FET 2D, KAB 3, TNX 2D
Nonvolatile beta	DBP 2, FCB 3, FET 2D
Total radium	CCB 4, FCB 3, LCO 4, MSB 12B
Tritium	TNX 2D

Analytes with significance of probability values of less than .05 (see Table 23) have a 95% chance that one laboratory's results are significantly higher than those from the other laboratory. Total organic halogens, pH and tritium results are significantly higher for General Engineering than for IT Analytical Services. Results for potassium, total organic carbon, and total phosphates as phosphorus are significantly higher for IT Analytical Services than for General Engineering.

QUALITY CONTROL STANDARDS

During the first quarter of 1991, EPD/EMS conducted quality assessments of the two primary laboratories used for sample analysis: General Engineering (GE) and IT Analytical Services (IT). The laboratories were sent three sets of certified environmental quality control standards (Batch Numbers 2528, 2602, and 409). The following analyses are listed: common analyses in Table 29, Appendix IX analyses in Table 30, and priority pollutants analyses in Table 31. All three sets of standards were purchased from Environmental Resource Associates (ERA) of Arvada, CO.

Although the laboratories submitted two results for some analytes, only the first result obtained was recorded for each analyte. The standards analyses were reviewed by comparing the laboratory results with the ERA-certified values and advisory ranges. A comparison of their performances is shown in Figure 4.

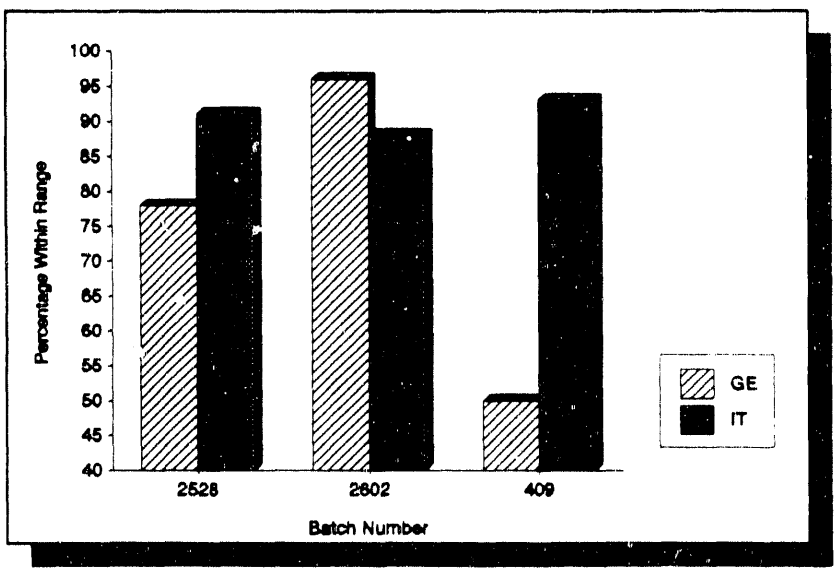


Figure 4. Percentage of Results Within the Range of Certified Values From the Two Primary Laboratories

QUALITY CONTROL SAMPLES

Table 29. Quality Control Standards for Common Analyses, Batch No. 2528

Analyte	Certified Value	Advisory Range	GE	IT
Chlorine (mg/L)	1.65	1.4–1.9	1.46	-
Turbidity (NTU)	4.9	4.4–5.4	4.69	5.5*
Inorganics				
Alkalinity (as $CaCO_3$) (mg/L)	65.6	60–71	58.3*	71.3*
Fluoride (mg/L)	4.1	3.7–4.5	4.26	3.88
Nitrate as nitrogen (mg/L)	6.9	6.2–7.7	6.68	6.47
pH	8.9	8.7–9.1	9.17*	9.20*
Potassium (mg/L)	27.8	24–32	30.4	28.0
Sodium (mg/L)	73.8	63–85	95.4*	76.3
Sulfate (mg/L)	91.3	79–104	89.5	94.6
Metals				
Antimony (µg/L)	102	77–120	91.7	105
Arsenic (µg/L)	99.4	75–117	105	94.6
Barium (µg/L)	182	149–215	230*	185
Beryllium (µg/L)	35.0	29–41	41.9*	36.1
Cadmium (µg/L)	159	130–188	200*	155
Calcium (mg/L)	19.3	16–23	22.6	18.6
Chromium (µg/L)	162	133–191	193*	154
Copper (µg/L)	145	119–171	194*	141
Hardness as $CaCO_3$ (mg/L)	48.2	40–57	49	49.5
Iron (µg/L)	312	256–368	365	316
Lead (µg/L)	158	130–186	174	140
Manganese (µg/L)	168	138–198	207*	170
Mercury (µg/L)	5.6	4.2–7.0	2.10*	2.86*
Nickel (µg/L)	154	126–182	183*	144
Selenium (µg/L)	25.4	19–30	27.1	24
Silver (µg/L)	61.0	50–72	81.5*	55.6
Thallium (µg/L)	64.8	49–76	69.2	57.2
Herbicides/Pesticides				
gamma-Benzene hexachloride (Lindane) (µg/L)	1.00	0.29–1.4	0.82	1.08
2,4-Dichlorophenoxyacetic acid (µg/L)	3.19	0.96–4.1	2.44	3.20
Endrin (µg/L)	2.19	0.66–3.2	1.41	2.58
Methoxychlor (µg/L)	4.2	1.3–6.7	3.19	5.24
Toxaphene (µg/L)	3.35	1.4–4.2	2.43	3.97
2,4,5-TP (Silvex) (µg/L)	2.91	0.87–3.8	2.21	3
Halomethanes				
Bromodichloromethane (µg/L)	11.9	4.2–18	11.4	11
Bromoform (µg/L)	17.0	7.6–29	15.8	15

- Results not received.
* Results out of range.

Table 29. Quality Control Standards for Common Analyses, Batch No. 2528 (cont.)

Analyte	Certified Value	Advisory Range	GE	IT
Halomethanes (cont.)				
Chloroform (µg/L)	33.1	23–40	29.7	30
Dibromochloromethane (µg/L)	22.1	12–33	19.7	20
Volatiles				
Benzene (µg/L)	8.48	3.1–13	10	8
Carbon tetrachloride (µg/L)	13.0	9.1–18	15	12
1,4-Dichlorobenzene (µg/L)	18.0	6.5–34	19	14
1,2-Dichloroethane (µg/L)	9.28	4.5–14	10	9
1,1-Dichloroethylene (µg/L)	16.0	3.0–23	-	19
1,1,1-Trichloroethane (µg/L)	4.69	2.4–7.6	5	J4
Trichloroethene (µg/L)	13.8	9.8–22	15	12
Vinyl chloride (µg/L)	2.38	0.36–6.0	4	<10
Unregulated Volatiles				
Bromobenzene (µg/L)	18.4	6.8–28	20	18
Chlorobenzene (µg/L)	5.59	2.1–8.9	6	5
1,2-Dibromoethane (µg/L)	8.52	4.7–11	11	<5
Dibromomethane (µg/L)	14.1	4.2–22	15	J12
1,2-Dichlorobenzene (µg/L)	23.5	8.5–45	25	18
1,2-Dichloropropane (µg/L)	9.98	1.9–18	11	9
Ethyl benzene (µg/L)	4.88	1.8–7.9	5	J4
Methylene chloride (µg/L)	13.0	4.5–27	11	14
1,1,1,2-Tetrachloroethane (µg/L)	16	7.3–25	17	J68*
Tetrachloroethene (µg/L)	13.1	8.4–19	12	12
1,1,2-Trichloroethane (µg/L)	20.9	11–31	27	21
Toluene (µg/L)	21.0	9.8–31	18	18

Table 30. Quality Control Standards for Appendix IX Analyses, Batch No. 2602

Analyte	Certified Value	Advisory Range	GE	IT
Volatiles				
Acetone (µg/L)	27.9	7.5–47	31	21
Carbon tetrachloride (µg/L)	8.44	5.9–11	7	6
1,4-Dioxane (µg/L)	37.7	5.7–68	44	<10
Ethyl acetate (µg/L)	46.6	7.1–83	44	J8
Ethyl benzene (µg/L)	7.59	2.8–10	6	6
1,1,1-Trichloroethane (µg/L)	24.1	12–39	20	19
1,2-Dibromoethane (µg/L)	17.1	7.7–27	15	16

- Results not received.
J Estimated value.
* Results out of range.

Table 30. Quality Control Standards for Appendix IX Analyses, Batch No. 2602 (cont.)

Analyte	Certified Value	Advisory Range	GE	IT
Base/Neutrals				
Acenaphthene (µg/L)	29.8	14–45	31	20
Aniline (µg/L)	117	35–190	80	J48
Bis(2-chloroethyl) ether (µg/L)	75.4	9.1–110	77	48
Bis(2-ethylhexyl) phthalate (µg/L)	50.2	14–79	33	35
Hexachlorophene (µg/L)	267	80–430	<100	<10*
N-Nitrosodi-n-butylamine (µg/L)	153	46–240	160	J70
Phenanthrene (µg/L)	48.9	26–59	48	34
1,3,5-Trinitrobenzene (µg/L)	33.9	5.1–61	15	<10
1,4-Dichlorobenzene (µg/L)	65.4	28–82	69	39
Acids				
2,6-Dichlorophenol (µg/L)	44.3	14–71	44	J4*
2-Methylphenol (µg/L)	111	33–140	81	46
2,4,6-Trichlorophenol (µg/L)	54.6	20–79	57	27
Pesticides				
Dieldrin (µg/L)	0.503	0.21–0.92	0.364	0.47
Endrin (µg/L)	1.97	0.59–2.9	2.128	1.94
Isodrin (µg/L)	0.543	0.013–0.98	<10	0.66
Kepone (µg/L)	1.67	0.25–3.1	<10	<3.75
Parathion (µg/L)	2.77	0.74–4.9	<10	<10
PCBs				
Aroclor 1016 (µg/L)	2.03	1.1–2.3	2.34*	2.43*
Aroclor 1260 (µg/L)	1.21	0.39–1.5	1.03	1.42

Table 31. Quality Control Standards for Priority Pollutants Analyses, Batch No. 409

Analyte	Certified Value	Advisory Range	GE	IT
Trace Metals				
Aluminum (µg/L)	445	365–525	550*	428
Antimony (µg/L)	172	129–203	169	181
Arsenic (µg/L)	92.5	69–109	90.4	84
Barium (µg/L)	314	257–370	389*	302
Beryllium (µg/L)	93.1	76–110	101	84.1
Boron (µg/L)	119	98–140	173*	154*
Cadmium (µg/L)	132	108–156	165*	129
Chromium (µg/L)	343	281–405	426*	330
Cobalt (µg/L)	272	223–321	336*	263
Copper (µg/L)	340	279–401	436*	318

J Estimated value.
* Results out of range.

Table 31. Quality Control Standards for Priority Pollutants Analyses, Batch No. 409 (cont.)

Analyte	Certified Value	Advisory Range	GE	IT
Trace Metals (cont.)				
Iron (μg/L)	460	377–543	565	470
Lead (μg/L)	264	216–312	319*	238
Manganese (μg/L)	318	261–375	398*	310
Mercury (μg/L)	5.5	4.1–6.9	4.10	5.02
Molybdenum (μg/L)	342	280–404	324	323
Nickel (μg/L)	431	353–508	536*	411
Selenium (μg/L)	119	89–140	124	105
Silver (μg/L)	107	88–126	139*	103
Strontium (μg/L)	215	176–254	211	208
Thallium (μg/L)	90.5	68–107	79.1	70.3
Vanadium (μg/L)	215	176–254	274*	199
Zinc (μg/L)	356	292–420	434*	352
Cations				
Calcium (mg/L)	44	36–52	48.9	41.2
Magnesium (mg/L)	62	51–73	71.2	56.5
Potassium (mg/L)	42	34–50	46.7	40.8
Sodium (mg/L)	76	62–90	87.8	71.2
Cyanide and Phenol				
Cyanide (mg/L)	0.121	0.088–0.154	0.114	0.0898
Phenol (mg/L)	0.067	0.051–0.083	0.065	0.0472*

* Results out of range.

BLANKS

To meet the guidelines of the RCRA Groundwater Monitoring Technical Enforcement Guidance Document (EPA, 1986d), three types of field quality control blanks were sent to the laboratories during first quarter. Trip blanks (BLANK) are defined as sample containers of deionized water that are transported to the well sample location, treated as well samples, and sent to the laboratory for analysis. Field blanks (FB) are generated by filling sample containers at the sample location with deionized water. They are treated as well samples and sent only to the M-Area Laboratory for analysis. Equipment blanks (EPT), new field quality control blanks initiated during third quarter 1990, are samples of deionized water that have been pumped through or have filled sampling devices and are sent to the General Engineering and IT Analytical Services laboratories for analysis. Results from these blanks are used to identify potential contaminants in the water, sample containers, or analytical equipment. The blanks tables list the dates, field measurements, and analytical results for these blanks.

The internal laboratory blank in Table 32 showed elevated results. General Engineering confirmed these results after review of the laboratory's records. The equipment blanks that accompanied the laboratory blank in its respective analytical batch are listed in the table.

Table 32. General Engineering Laboratory Blanks With Elevated Results

Analyte	Run Date	Result	Equipment Blanks Accompanying Laboratory Blanks
Zinc	2/16/91	17 µg/L	EPT 48, EPT 49

General Engineering found no errors upon review of the records of the following EPD/EMS blind blanks that showed elevated results. Table 33 lists the equipment blanks that accompanied the blind blanks in their respective analytical batches.

Table 33. General Engineering EPD/EMS Blind Blanks With Elevated Results

Analyte	Run Date	Result	Equipment Blanks Accompanying Blind Blanks
Aluminum	4/09/91	51 µg/L	EPT 85, EPT 86, EPT 87, EPT 88
Antimony	3/15/91	3 µg/L	EPT 75, EPT 76
	4/06/91	3.49 µg/L	EPT 85, EPT 86, EPT 87, EPT 88
Barium	1/31/91	22 µg/L	EPT 28, EPT 29
Iron	1/22/91	76 µg/L	EPT 20
Lead	1/28/91	13 µg/L	EPT 12, EPT 13, EPT 26
Manganese	1/31/91	8.3 µg/L	EPT 28, EPT 29
Nitrate	2/21/91	2,780 µg/L	EPT 63, EPT 64
pH	2/21/91	4.05	EPT 63, EPT 64
Silica	1/11/91	26,800 µg/L	EPT 9
	1/16/91	20,400 µg/L	EPT 8
	1/22/91	10,900 µg/L	EPT 20
	1/26/91	21,000 µg/L	EPT 11, EPT 22, EPT 23, EPT 24
	3/18/91	17,000 µg/L	EPT 71
	3/19/91	12,000 µg/L	EPT 43
	3/19/91	25,000 µg/L	EPT 74
	3/19/91	15,000 µg/L	EPT 75, EPT 76
	3/26/91	19,000 µg/L	EPT 79, EPT 80
	4/09/91	14,000 µg/L	EPT 85, EPT 86, EPT 87, EPT 88
Sodium	3/13/91	240 µg/L	EPT 70, EPT 71
Specific conductance	2/27/91	29 µS/cm	EPT 63, EPT 64
Sulfate	2/20/91	3,420 µg/L	EPT 62
Total dissolved solids	3/13/91	26,000 µg/L	EPT 74
Total silica	1/09/91	30,500 µg/L	EPT 1, EPT 3, EPT 4
	1/11/91	29,400 µg/L	EPT 9
	1/16/91	16,000 µg/L	EPT 8
	1/22/91	10,500 µg/L	EPT 20
	1/26/91	24,000 µg/L	EPT 11, EPT 22, EPT 23, EPT 24
	1/30/91	500 µg/L	EPT 26
	1/31/91	640 µg/L	EPT 28, EPT 29
	2/02/91	162 µg/L	EPT 28, EPT 29
	2/11/91	460 µg/L	EPT 43, EPT 45
	3/18/91	18,000 µg/L, 16,000 µg/L	EPT 71
	3/18/91	32,000 µg/L	EPT 74
	3/19/91	13,000 µg/L	EPT 73
	3/19/91	15,000 µg/L	EPT 75, EPT 76
	4/15/91	19,000 µg/L	EPT 79, EPT 80
Zinc	1/22/91	16 µg/L	EPT 20

The internal laboratory blanks in Table 34 showed elevated results. IT Analytical Services confirmed these results after review of the laboratory's records. The samples that accompanied the laboratory blanks in their respective analytical batches are listed in the table.

Table 34. IT Analytical Services Laboratory Blanks With Elevated Results

Analyte	Run Date	Result	Equipment Blanks Accompanying Laboratory Blanks
Tin	01/29/91	140 μg/L	EPT111, EPT112
Uranium-238	04/18/91	4.2E-7 ± 5E-8 μCi/mL	EPT137

IT Analytical Services found no errors upon review of the records of the following EPD/EMS blind blanks that showed elevated results. Table 35 lists the equipment blanks that accompanied the blind blanks in their respective analytical batches.

Table 35. IT Analytical Services EPD/EMS Blind Blanks With Elevated Results

Analyte	Run Date	Result	Well Samples Accompanying Blind Blanks
Silica	01/11/91	38,200 μg/L	EPT101, EPT104, EPT105
	01/22/91	36,900 μg/L	EPT111, EPT112
	01/23/91	13,200 μg/L	EPT113, EPT114
	01/22/91	1,100 μg/L	EPT146
	03/25/91	579 μg/L	EPT145
	03/26/91	2,660 μg/L	EPT147, EPT148, EPT150
	04/12/91	15,000 μg/L	EPT149, EPT151, EPT152, EPT153, EPT154, EPT155, EPT156, EPT157, EPT158
	04/25/91	13,100 μg/L	EPT163, EPT164
Total dissolved solids	03/07/91	28,000 μg/L	EPT147, EPT150

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/01/91 — Time: 8:35
Depth to water: Not available — pH: 5.8
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	IT
0	pH	5.8	pH	IT
0	Specific conductance	1.2	µS/cm	IT
0	Turbidity	0.040	NTU	IT
0	Turbidity	0.050	NTU	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	15	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.9	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	483	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	23,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	J 3.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	1.9	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<3.3E-08	µCi/mL	IT
0	Cerium-141	<6.2E-09	µCi/mL	IT
0	Cerium-144	<2.1E-07	µCi/mL	IT
0	Cesium-134	<2.3E-08	µCi/mL	IT
0	Cesium-137	<4.2E-09	µCi/mL	IT

WELL BLANK collected on 01/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cobalt-58	<4.8E-09	µCi/mL	IT
0	Cobalt-60	<6.8E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<4.5E-09	µCi/mL	IT
0	Niobium-95	<5.2E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.5E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<7.9E-08	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Ruthenium-103	<4.2E-09	µCi/mL	IT
0	Ruthenium-106	<4.0E-08	µCi/mL	IT
0	Sodium-22	<6.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<7.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<7.2E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	3.0E-09 ± 9.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.0E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<9.2E-08	µCi/mL	IT
0	Zinc-65	<1.2E-08	µCi/mL	IT
0	Zirconium-95	<9.7E-09	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/03/91 — Time: 9:50
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.5	pH	IT
0	Specific conductance	1.0	µS/cm	GE
0	Specific conductance	2.5	µS/cm	IT
0	Turbidity	0.10	NTU	GE
0	Turbidity	0.050	NTU	IT
0	Turbidity	0.050	NTU	IT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	3.9	mg/L	GE
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<20	µg/L	GE
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	<3.0	µg/L	GE
0	Barium	<1.0	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<10	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	IT
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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	IT
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	<250	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
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	<1.5	µg/L	IT

WELL BLANK collected on 01/03/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	<10	µg/L	GE
0	Calcium	12	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	IT
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Cl oronaphthalene	<10	µg/L	GE
0	2-Ch orophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
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	Dibromochloromethane	<5.0	µg/L	IT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
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	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
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	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	IT
0	Iron	18	µg/L	GE
0	Iron	<5.0	µg/L	IT
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Lithium	<5.0	µg/L	GE
0	Lithium	<20	µg/L	IT
0	Magnesium	<2.0	µg/L	GE

WELL BLANK collected on 01/03/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Magnesium	2.8	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
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	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	100	µg/L	IT
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
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	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	19,800	µg/L	GE
1	Silica	38,200	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	18	µg/L	GE
0	Sodium	<10	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<3.0	µg/L	IT
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	38,000	µg/L	GE
0	Total dissolved solids	53,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	124	µg/L	IT
2	Total silica	30,500	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
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	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<50	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	0.70	µg/L	IT
0	Zinc	3.5	µg/L	GE
0	Zinc	2.0	µg/L	IT
2	Americium-241	1.2E-08 ± 2.0E-09	µCi/mL	IT
0	Antimony-125	<3.3E-08	µCi/mL	IT
0	Cerium-141	<6.4E-09	µCi/mL	IT
0	Cerium-144	<2.2E-07	µCi/mL	IT
0	Cesium-134	<2.4E-08	µCi/mL	IT
0	Cesium-137	<4.6E-09	µCi/mL	IT
0	Cobalt-58	<4.8E-09	µCi/mL	IT
0	Cobalt-60	<6.9E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<4.6E-09	µCi/mL	IT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 01/03/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Niobium-95	<4.6E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.1E-09±2.6E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
2	Radium-226	9.1E-09±1.5E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-228	<8.0E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Ruthenium-103	<3.7E-09	µCi/mL	IT
0	Ruthenium-106	<4.1E-08	µCi/mL	IT
0	Sodium-22	<5.5E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<7.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
1	Thorium-232	6.8E-09±1.9E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-08	µCi/mL	IT
0	Uranium-234	1.4E-09±6.0E-10	µCi/mL	IT
0	Uranium-235	<3.0E-08	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-238	<9.8E-08	µCi/mL	IT
0	Uranium-238	1.1E-09±5.0E-10	µCi/mL	IT
0	Zinc-65	<1.1E-08	µCi/mL	IT
0	Zirconium-95	<9.9E-09	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:50
pH: 5.4
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	3.2	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	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	240	µg/L	GE
0	Carbon tetrachloride	<1.0	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	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE

WELL BLANK collected on 01/05/91, laboratory analyses (continued)

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	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<10	µg/L	GE
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	Iodine	<100	µg/L	GE
0	Iron	27	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	83	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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	23,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	280	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	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
2	Total silica	18,000	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

WELL BLANK collected on 01/05/91, laboratory analyses (continued)

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	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Uranium	<1,000	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	<2.0E-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: 01/07/91 Time: 8:25
Depth to water: Not available pH: 5.4
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	pH	5.7	pH	IT
0	Specific conductance	1.7	µS/cm	IT
0	Turbidity	0.070	NTU	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	11	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<2.0	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	1.4	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	22,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1 1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	43,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	87	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT

WELL BLANK collected on 01/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.050	µg/L	IT
0	1,1,1-Trichloroethane	J 4.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	1.2	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<3.6E-08	µCi/mL	IT
0	Cerium-141	<7.8E-09	µCi/mL	IT
0	Cerium-144	<2.5E-07	µCi/mL	IT
0	Cesium-134	<2.8E-08	µCi/mL	IT
0	Cesium-137	<5.4E-09	µCi/mL	IT
0	Cobalt-58	<5.1E-09	µCi/mL	IT
0	Cobalt-60	<7.4E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<4.5E-09	µCi/mL	IT
0	Niobium-95	<8.1E-09	µCi/mL	IT
0	Nonvolatile beta	6.6E-09±3.3E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Plutonium-239	1.0E-09±8.0E-10	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.9E-08	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<9.2E-08	µCi/mL	IT
0	Ruthenium-103	<4.8E-09	µCi/mL	IT
0	Ruthenium-106	<4.8E-08	µCi/mL	IT
0	Sodium-22	<8.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<7.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
1	Thorium-232	6.4E-09±2.4E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.5E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 Time: 8:55
Depth to water: Not available pH: 5.3
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 15.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	4.8	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	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	30	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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 01/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	74	µg/L	GE
0	Carbon tetrachloride	<1.0	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	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<10	µg/L	GE
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	Iodine	<100	µg/L	GE
0	Iron	20	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	6.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	26,800	µg/L	GE
0	Silver	<2.0	µg/L	GE

WELL BLANK collected on 01/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	58	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	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
1	Total organic halogens	87	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
2	Total silica	29,400	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91 Time: 8:00
Depth to water: Not available pH: 5.2
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 3 µS/cm Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	Specific conductance	2.0	µS/cm	IT
0	Turbidity	0.060	NTU	IT
0	Turbidity	0.050	NTU	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5.0	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.2	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	1.2	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Phenols	<5.0	µg/L	IT

WELL BLANK collected on 01/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	38,900	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	18	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	89,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	64	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	1.1	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<3.3E-08	µCi/mL	IT
0	Cerium-141	<6.4E-09	µCi/mL	IT
0	Cerium-144	<2.1E-07	µCi/mL	IT
0	Cesium-134	<2.5E-08	µCi/mL	IT
0	Cesium-137	<4.4E-09	µCi/mL	IT
0	Cobalt-58	<4.5E-09	µCi/mL	IT
0	Cobalt-60	<6.3E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<4.5E-09	µCi/mL	IT
0	Niobium-95	<4.9E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
2	Radium-226	1.0E-08 ± 2.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<7.8E-08	µCi/mL	IT
0	Ruthenium-103	<4.0E-09	µCi/mL	IT
0	Ruthenium-106	<4.0E-08	µCi/mL	IT
0	Sodium-22	<5.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<7.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<2.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	3.8E-09 ± 1.7E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	9.3E-09 ± 1.7E-09	µCi/mL	IT
1	Uranium-234	1.5E-08 ± 3.0E-09	µCi/mL	IT
0	Uranium-235	<2.8E-08	µCi/mL	IT
0	Uranium-235	2.7E-09 ± 9.0E-10	µCi/mL	IT
0	Uranium-235	2.8E-09 ± 1.1E-09	µCi/mL	IT
0	Uranium-238	<9.3E-08	µCi/mL	IT
0	Uranium-238	2.4E-09 ± 9.0E-10	µCi/mL	IT
0	Uranium-238	3.4E-09 ± 1.3E-09	µCi/mL	IT
0	Zinc-65	<1.1E-08	µCi/mL	IT
0	Zirconium-95	<1.0E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91 — Time: 8:40
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 15.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	4.3	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<0.010	µg/L	GE
0	Lindane	<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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE

WELL BLANK collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-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	30	µg/L	GE
0	Carbon tetrachloride	<1.0	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	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.3	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<0.010	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	Iodine	<100	µg/L	GE
0	Iron	35	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	4.1	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	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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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
1	Silica	20,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	34	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	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	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)	<50	µg/L	GE
2	Total silica	16,000	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
2	Trichloroethylene	9.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	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	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/13/91 Time: 8:25
Depth to water: Not available pH: 5.1
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp conductance: 1 µS/cm Water temperature: 16.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.5	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<0.00[illegible]0	µg/L	GE
0	Lindane	<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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	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	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	GE

WELL BLANK collected on 01/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<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	Iodine	<100	µg/L	GE
0	Iron	22	µg/L	GE
0	Isophorone	<10	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	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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	26,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	23	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

WELL BLANK collected on 01/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<1.0	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 dissolved solids	17,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
2	Total silica	48,000	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.3	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	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: 01/14/91 Time: 9:20
Depth to water: Not available pH: 4.8
Water elevation: Not available Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 3 µS/cm Water temperature: 15.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	Specific conductance	2.0	µS/cm	IT
0	Turbidity	0.17	NTU	IT
0	Turbidity	0.17	NTU	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	<7.5	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	13,200	µg/L	IT

WELL BLANK collected on 01/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	51,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	27	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
1	Americium-241	2.7E-09 ± 6.0E-10	µCi/mL	IT
U	Antimony-125	<3.2E-08	µCi/mL	IT
0	Cerium-141	<6.3E-09	µCi/mL	IT
0	Cerium-144	<2.2E-07	µCi/mL	IT
0	Cesium-134	<2.4E-08	µCi/mL	IT
0	Cesium-137	<5.0E-09	µCi/mL	IT
0	Cobalt-58	<4.1E-09	µCi/mL	IT
0	Cobalt-60	<6.2E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<4.3E-09	µCi/mL	IT
0	Niobium-95	<4.4E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
2	Radium-226	1.1E-08 ± 2.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-228	<8.0E-08	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Ruthenium-103	<4.1E-09	µCi/mL	IT
0	Ruthenium-106	<3.6E-08	µCi/mL	IT
0	Sodium-22	<6.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<7.0E-09	µCi/mL	IT
0	Technetium-99	<7.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-228	<2.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-230	<2.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<2.0E-09	µCi/mL	IT
1	Thorium-232	5.2E-09 ± 2.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
1	Uranium-234	1.6E-08 ± 3.0E-09	µCi/mL	IT
0	Uranium-235	2.1E-09 ± 1.0E-09	µCi/mL	IT
0	Uranium-235	<3.0E-09	µCi/mL	IT
0	Uranium-238	3.9E-09 ± 1.4E-09	µCi/mL	IT
0	Uranium-238	<9.6E-08	µCi/mL	IT
0	Zinc-65	<1.1E-08	µCi/mL	IT
0	Zirconium-95	<9.2E-09	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91 Time: 8:15
Depth to water: Not available pH: 4.9
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 5 µS/cm Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.6	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 01/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	Benzidine	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	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	13	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	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	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<0.50	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	<0.50	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<10	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

WELL BLANK collected on 01/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	76	µg/L	GE
0	Isophorone	<10	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	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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Oil & grease	<1,000	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	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachlorophenol	<10	µg/L	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	10,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	70	µg/L	GE
0	Sulfate	2,830	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	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 carbon	2,000	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
0	Total hydrocarbons	<1,000	µg/L	GE
0	Total inorganic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
2	Total silica	10,500	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	Tributyl phosphate	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	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
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: 01/20/91 — Time: 8:40
Depth to water: Not available — pH: 4.1
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 5 µS/cm — Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.6	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-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	19	µg/L	GE
0	Carbon tetrachloride	<1.0	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	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE

WELL BLANK collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isophorone	<10	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	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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	21,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	61	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	Tin	<2.0	µg/L	GE
0	Toluene	2.0	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)	<50	µg/L	GE
2	Total silica	24,000	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	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	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: 01/22/91 — Time: 9:10
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 12.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.6	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Antimony	<3.0	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	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachlonde	<10	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	Benzidine	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	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	16	µg/L	GE
0	Carbon tetrachloride	<1.0	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	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<10	µg/L	GE
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	Iodine	<100	µg/L	GE
0	Iron	4.0	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	13	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	6.3	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 BLANK collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	260	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	34	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	Tin	<2.0	µg/L	GE
0	Toluene	1.0	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
1	Total silica	500	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	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	1.1E-09±2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 — Time: 13:30
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 15.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.2	pH	GE
0	pH	5.6	pH	IT
0	Specific conductance	1.0	µS/cm	GE
0	Specific conductance	2.3	µS/cm	IT
0	Turbidity	0.20	NTU	GE
0	Turbidity	0.030	NTU	IT
0	Turbidity	0.030	NTU	IT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.6	mg/L	GE
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<20	µg/L	GE
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<3.0	µg/L	GE
0	Barium	<1.0	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE

WELL BLANK collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	delta-Benzene hexachloride	<10	µg/L	GE
0	Benzidine	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	IT
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	<250	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
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	<1.5	µg/L	IT
0	Calcium	<10	µg/L	GE
0	Calcium	18	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	IT
0	Chloride	<250	µg/L	IT
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
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	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
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	Dibromochloromethane	<5.0	µg/L	IT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
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	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE

WELL BLANK collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
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	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	<4.0	µg/L	GE
0	Iron	<5.0	µg/L	IT
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	3.4	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<5.0	µg/L	GE
0	Lithium	<20	µg/L	IT
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	2.3	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
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	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	IT
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	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	140	µg/L	GE
0	Silica	<21	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	18	µg/L	GE
0	Sodium	<10	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	7,000	µg/L	GE
0	Total dissolved solids	<5,000	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	7.1	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<10	µg/L	IT
0	Total silica	162	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
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	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<75	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	GE
0	Zinc	5.1	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<3.9E-08	µCi/mL	IT
0	Cerium-141	<7.4E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cesium-134	<2.9E-08	µCi/mL	IT
0	Cesium-137	<5.8E-09	µCi/mL	IT
0	Cobalt-58	<5.3E-09	µCi/mL	IT
0	Cobalt-60	<6.8E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<4.6E-09	µCi/mL	IT
0	Niobium-95	<4.9E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	1.2E-09±7.0E-10	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.0E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<9.2E-08	µCi/mL	IT
0	Ruthenium-103	<4.9E-09	µCi/mL	IT
0	Ruthenium-106	<4.6E-08	µCi/mL	IT
0	Sodium-22	<6.7E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<7.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<8.8E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	1.2E-09±4.0E-10	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	1.0E-09±4.0E-10	µCi/mL	IT
0	Uranium-235	<3.5E-08	µCi/mL	IT
0	Uranium-238	1.4E-09±4.0E-10	µCi/mL	IT
0	Uranium-238	1.9E-09±5.0E-10	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/24/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 9:45
pH: 4.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 15.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	0.20	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.8	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	22	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE

WELL BLANK collected on 01/24/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	Benzidine	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	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	120	µg/L	GE
0	Carbon tetrachloride	<1.0	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	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<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	Iodine	<100	µg/L	GE
0	Iron	50	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	7.8	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	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

WELL BLANK collected on 01/24/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrite 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	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	30	µg/L	GE
0	Sulfate	42,200	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	Thallium	<2.0	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)	<50	µg/L	GE
1	Total silica	640	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	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	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: 01/25/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:30
pH: 5.6
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 12.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	1.3	µS/cm	IT
0	Turbidity	0.060	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
1	Aluminum	143	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	3.4	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT

WELL BLANK collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	Chloride	<250	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	14	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
2	Manganese	78	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	750	µg/L	IT
0	Sodium	18	µg/L	IT
0	Sulfate	<1,000	µg/L	IT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	7,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	11	µg/L	IT
0	Zinc	5.9	µg/L	IT
0	Americium-241	1.8E-09±5.0E-10	µCi/mL	IT
0	Antimony-125	<3.9E-08	µCi/mL	IT
0	Cerium-141	<8.0E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cesium-134	<2.9E-08	µCi/mL	IT
0	Cesium-137	<5.8E-09	µCi/mL	IT
0	Cobalt-58	<5.8E-09	µCi/mL	IT
0	Cobalt-60	<8.4E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<5.6E-09	µCi/mL	IT
0	Niobium-95	<5.3E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<4.5E-09	µCi/mL	IT
0	Ruthenium-106	<4.8E-08	µCi/mL	IT
0	Sodium-22	<6.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<7.0E-09	µCi/mL	IT
0	Thorium-228	1.4E-09±4.0E-10	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.1E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
1	Uranium-234	1.7E-08±3.0E-09	µCi/mL	IT
0	Uranium-235	6.3E-09±1.9E-09	µCi/mL	IT
0	Uranium-235	<3.6E-08	µCi/mL	IT
0	Uranium-238	7.7E-09±2.1E-09	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.2E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/26/91 — Time: 9:15
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 12.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	1.1	µS/cm	IT
0	Turbidity	0.080	NTU	IT
0	Turbidity	0.070	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Acetone	<10	µg/L	IT
0	Acetonitrile (Methyl cyanide)	<100	µg/L	IT
0	Acetophenone	<10	µg/L	IT
0	2-Acetylaminofluorene	<10	µg/L	IT
0	Acrolein	<100	µg/L	IT
0	Acrylonitrile	<5.0	µg/L	IT
0	Aldrin	<0.050	µg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Allyl chloride	<100	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	4-Aminobiphenyl	<10	µg/L	IT
0	Aniline	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT

WELL BLANK collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Aramite	<10	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.050	µg/L	IT
0	alpha-Benzene hexachloride	<0.050	µg/L	IT
0	beta-Benzene hexachloride	<0.050	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	1,4-Benzoquinone	<10	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<5.0	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	44	µg/L	IT
0	Carbon disulfide	<5.0	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chlordane	<1.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chlorobenzilate	<10	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chloroprene	<5.0	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	o-Cresol (2-Methylphenol)	<10	µg/L	IT
0	m-Cresol (3-Methylphenol)	<10	µg/L	IT
0	p-Cresol (4-Methylphenol)	<10	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	p,p'-DDD	<0.10	µg/L	IT
0	p,p'-DDE	<0.10	µg/L	IT
0	p,p'-DDT	<0.10	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Diallate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	1,2-Dibromo-3-chloropropane	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dibromoethane	<5.0	µg/L	IT
0	Dibromomethane (Methylene bromide)	<10	µg/L	IT
0	trans-1,4-Dichloro-2-butene	<10	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	Dichlorodifluoromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	1,2-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,6-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.020	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	Dieldrin	<0.10	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	Dimethoate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	p-Dimethylaminoazobenzene	<10	µg/L	IT
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	IT
0	3,3'-Dimethylbenzidine	<10	µg/L	IT
0	a,a-Dimethylphenethylamine	<10	µg/L	IT
0	4,6-Dinitro-ortho-cresol	<50	µg/L	IT
0	1,3-Dinitrobenzene	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	1,4-Dioxane	<10	µg/L	IT

WELL BLANK collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Diphenylamine	<10	µg/L	IT
0	Disulfoton	<10	µg/L	IT
0	Endosulfan I	<0.050	µg/L	IT
0	Endosulfan II	<0.10	µg/L	IT
0	Endosulfan sulfate	<0.10	µg/L	IT
0	Endrin	<0.10	µg/L	IT
0	Endrin aldehyde	<0.20	µg/L	IT
0	Ethyl methacrylate	<5.0	µg/L	IT
0	Ethyl methacrylate	<10	µg/L	IT
0	Ethyl methanesulfonate	<10	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Famphur	<10	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlor epoxide	<0.050	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00080	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.0011	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.0011	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00061	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Hexachlorophene	<10	µg/L	IT
0	Hexachloropropene	<10	µg/L	IT
0	2-Hexanone	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iodomethane (Methyl iodide)	<5.0	µg/L	IT
0	Iron	8.1	µg/L	IT
0	Isodrin	<10	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Isosafrole	<10	µg/L	IT
0	Kepone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	4.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methacrylonitrile	<5.0	µg/L	IT
0	Methapyrilene	<10	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Methyl ethyl ketone	<10	µg/L	IT
0	Methyl methacrylate	<5.0	µg/L	IT
0	Methyl methanesulfonate	<10	µg/L	IT
0	4-Methyl-2-pentanone	<10	µg/L	IT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	IT
0	3-Methylcholanthrene	<10	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-n-butylamine	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodiethylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	N-Nitrosomethylethylamine	<10	µg/L	IT
0	N-Nitrosomorpholine	<10	µg/L	IT
0	N-Nitrosopiperidine	<10	µg/L	IT
0	N-Nitrosopyrrolidine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	1,4-Naphthoquinone	<10	µg/L	IT
0	1-Naphthylamine	<10	µg/L	IT
0	2-Naphthylamine	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	5-Nitro-o-toluidine	<10	µg/L	IT
0	2-Nitroaniline	<50	µg/L	IT
0	3-Nitroaniline	<50	µg/L	IT
0	4-Nitroaniline	<50	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	4-Nitroquinoline-1-oxide	<10	µg/L	IT
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0084	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0015	µg/L	IT
0	Parathion	<10	µg/L	IT
0	Parathion methyl	<10	µg/L	IT
0	PCB 1016	<0.50	µg/L	IT
0	PCB 1221	<0.50	µg/L	IT
0	PCB 1232	<0.50	µg/L	IT
0	PCB 1242	<0.50	µg/L	IT
0	PCB 1248	<0.50	µg/L	IT
0	PCB 1254	<1.0	µg/L	IT
0	PCB 1260	<1.0	µg/L	IT
0	Pentachlorobenzene	<10	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0034	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00063	µg/L	IT
0	Pentachloroethane	<5.0	µg/L	IT
0	Pentachloroethane	<10	µg/L	IT
0	Pentachloronitrobenzene	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenacetin	<10	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	p-Phenylenediamine	<10	µg/L	IT
0	Phorate	<10	µg/L	IT

WELL BLANK collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2-Picoline	<10	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pronamid	<10	µg/L	IT
0	Propionitrile	<5.0	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Pyridine	<10	µg/L	IT
0	Safrole	<10	µg/L	IT
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	13	µg/L	IT
0	Styrene	<5.0	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0016	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0018	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<10	µg/L	IT
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	IT
0	Tetraethyl dithiopyrophosphate	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thionazin	<10	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	o-Toluidine	<10	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<1.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<10	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	2,4,5-Trichlorophenoxyacetic acid	<0.020	µg/L	IT
0	1,2,3-Trichloropropane	<5.0	µg/L	IT
0	1,3,5-Trinitrobenzene	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vinyl acetate	<5.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Zinc	4.2	µg/L	IT
2	Americium-241	7.6E-09 ± 1.0E-09	µCi/mL	IT
2	Americium-241	4.7E-09 ± 8.0E-10	µCi/mL	IT
0	Antimony-125	<4.4E-08	µCi/mL	IT
0	Cerium-141	<7.9E-09	µCi/mL	IT
0	Cerium-144	<2.6E-07	µCi/mL	IT
0	Cesium-134	<2.9E-08	µCi/mL	IT
0	Cesium-137	<5.1E-09	µCi/mL	IT
0	Cobalt-58	<4.8E-09	µCi/mL	IT
0	Cobalt-60	<8.6E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<6.1E-09	µCi/mL	IT
0	Niobium-95	<5.3E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<5.4E-09	µCi/mL	IT
0	Ruthenium-106	<5.1E-08	µCi/mL	IT
0	Sodium-22	<7.8E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<7.0E-09	µCi/mL	IT
0	Thorium-228	1.4E-09 ± 4.0E-10	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	4.5E-09 ± 2.3E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.8E-08	µCi/mL	IT
0	Uranium-238	1.4E-09 ± 4.0E-10	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.2E-08	µCi/mL	IT
0	Zirconium-95	<1.2E-08	µCi/mL	IT

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/27/91 — Time: 9:05
Depth to water: Not available — pH: 5.3
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 12.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	0.24	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.6	mg/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	<3.0	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	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	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	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	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	4.9	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL BLANK collected on 01/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	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	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	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 methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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	Nitrite as nitrogen	<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

WELL BLANK collected on 01/27/91, laboratory analyses (continued)

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	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	750	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	13,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total silica	280	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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
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: 01/28/91 — Time: 8:20
Depth to water: Not available — pH: 8.3
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	0.12	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.6	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<10	µg/L	GE
0	Lindane	0.018	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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-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	11	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
J	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
U	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 01/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Iodine	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Isophorone	<10	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	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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	150	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	87	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	Tin	<2.0	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
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total silica	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	1,1,2-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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:50
pH: 5.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 15.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	<1.0	µS/cm	GE
0	Turbidity	0.20	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.8	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE

WELL BLANK collected on 01/31/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Antimony	<3.0	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	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	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	15	µg/L	GE
0	Carbon tetrachloride	<1.0	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	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<10	µg/L	GE
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	Iodine	<100	µg/L	GE
0	Iron	34	µg/L	GE
0	Isophorone	<10	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	Methoxychlor	<0.50	µg/L	GE

WELL BLANK collected on 01/31/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	240	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	43	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
1	Tetrachloroethylene	3.0	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 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)	<50	µg/L	GE
0	Total silica	480	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	2.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	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	<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: 02/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:20
pH: 6.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 14.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	IT
0	Specific conductance	1.7	µS/cm	IT
0	Turbidity	0	NTU	IT
0	Turbidity	0.010	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Acetone	<10	µg/L	IT
0	Acetonitrile (Methyl cyanide)	<100	µg/L	IT
0	Acetophenone	<10	µg/L	IT
0	2-Acetylaminofluorene	<10	µg/L	IT
0	Acrolein	<100	µg/L	IT
0	Acrylonitrile	<5.0	µg/L	IT
0	Aldrin	<0.050	µg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Allyl chloride	<100	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	4-Aminobiphenyl	<10	µg/L	IT
0	Aniline	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Aramite	<10	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.050	µg/L	IT
0	alpha-Benzene hexachloride	<0.050	µg/L	IT
0	beta-Benzene hexachloride	<0.050	µg/L	IT

WELL BLANK collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	1,4-Benzoquinone	<10	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<5.0	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	14	µg/L	IT
0	Carbon disulfide	<5.0	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chlordane	<1.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chlorobenzilate	<10	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chloroprene	<5.0	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	o-Cresol (2-Methylphenol)	<10	µg/L	IT
0	m-Cresol (3-Methylphenol)	<10	µg/L	IT
0	p-Cresol (4-Methylphenol)	<10	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	p,p'-DDD	<0.10	µg/L	IT
0	p,p'-DDE	<0.10	µg/L	IT
0	p,p'-DDT	<0.10	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dialiate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	1,2-Dibromo-3-chloropropane	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dibromoethane	<5.0	µg/L	IT
0	Dibromomethane (Methylene bromide)	<10	µg/L	IT
0	trans-1,4-Dichloro-2-butene	<10	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	Dichlorodifluoromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	1,2-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,6-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.020	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	Dieldrin	<0.10	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	Dimethoate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	p-Dimethylaminoazobenzene	<10	µg/L	IT
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	IT
0	3,3'-Dimethylbenzidine	<10	µg/L	IT
0	a,a-Dimethylphenethylamine	<10	µg/L	IT
0	4,6-Dinitro-ortho-cresol	<50	µg/L	IT
0	1,3-Dinitrobenzene	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	1,4-Dioxane	<10	µg/L	IT
0	Diphenylamine	<10	µg/L	IT
0	Disulfoton	<10	µg/L	IT
0	Endosulfan I	<0.050	µg/L	IT
0	Endosulfan II	<0.10	µg/L	IT
0	Endosulfan sulfate	<0.10	µg/L	IT
0	Endrin	<0.10	µg/L	IT
0	Endrin aldehyde	<0.20	µg/L	IT
0	Ethyl methacrylate	<5.0	µg/L	IT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Ethyl methacrylate	<10	µg/L	IT
0	Ethyl methanesulfonate	<10	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Famphur	<10	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlor epoxide	<0.050	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00075	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00097	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.0011	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00072	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Hexachlorophene	<10	µg/L	IT
0	Hexachloropropene	<10	µg/L	IT
0	2-Hexanone	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iodomethane (Methyl iodide)	<5.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Isodrin	<10	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Isosafrole	<10	µg/L	IT
0	Kepone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methacrylonitrile	<5.0	µg/L	IT
0	Methapyrilene	<10	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Methyl ethyl ketone	<10	µg/L	IT
0	Methyl methacrylate	<5.0	µg/L	IT
0	Methyl methanesulfonate	<10	µg/L	IT
0	4-Methyl-2-pentanone	<10	µg/L	IT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	IT
0	3-Methylcholanthrene	<10	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-n-butylamine	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodiethylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	N-Nitrosomethylethylamine	<10	µg/L	IT
0	N-Nitrosomorpholine	<10	µg/L	IT
0	N-Nitrosopiperidine	<10	µg/L	IT
0	N-Nitrosopyrrolidine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	1,4-Naphthoquinone	<10	µg/L	IT
0	1-Naphthylamine	<10	µg/L	IT
0	2-Naphthylamine	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	5-Nitro-o-toluidine	<10	µg/L	IT
0	2-Nitroaniline	<50	µg/L	IT
0	3-Nitroaniline	<50	µg/L	IT
0	4-Nitroaniline	<50	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	4-Nitroquinoline-1-oxide	<10	µg/L	IT
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.00023	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0016	µg/L	IT
0	Parathion	<10	µg/L	IT
0	Parathion methyl	<10	µg/L	IT
0	PCB 1016	<0.50	µg/L	IT
0	PCB 1221	<0.50	µg/L	IT
0	PCB 1232	<0.50	µg/L	IT
0	PCB 1242	<0.50	µg/L	IT
0	PCB 1248	<0.50	µg/L	IT
0	PCB 1254	<1.0	µg/L	IT
0	PCB 1260	<1.0	µg/L	IT
0	Pentachlorobenzene	<10	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0029	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00096	µg/L	IT
0	Pentachloroethane	<5.0	µg/L	IT
0	Pentachloroethane	<10	µg/L	IT
0	Pentachloronitrobenzene	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenacetin	<10	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	p-Phenylenediamine	<10	µg/L	IT
0	Phorate	<10	µg/L	IT
0	2-Picoline	<10	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pronamid	<10	µg/L	IT
0	Propionitrile	<5.0	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Pyridine	<10	µg/L	IT
0	Safrole	<10	µg/L	IT
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT

WELL BLANK collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Styrene	<5.0	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0012	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0013	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<10	µg/L	IT
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	IT
0	Tetraethyl dithiopyrophosphate	<10	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Thionazin	<10	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	o-Toluidine	<10	µg/L	IT
0	Total dissolved solids	17,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<1.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<10	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	2,4,5-Trichlorophenoxyacetic acid	<0.020	µg/L	IT
0	1,2,3-Trichloropropane	<5.0	µg/L	IT
0	1,3,5-Trinitrobenzene	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vinyl acetate	<5.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
2	Americium-241	5.8E-09 ± 7.0E-10	µCi/mL	IT
2	Americium-241	6.1E-09 ± 8.0E-10	µCi/mL	IT
0	Antimony-125	<4.3E-08	µCi/mL	IT
0	Cerium-141	<8.3E-09	µCi/mL	IT
0	Cerium-144	<2.7E-07	µCi/mL	IT
0	Cesium-134	<3.1E-08	µCi/mL	IT
0	Cesium-137	<5.8E-09	µCi/mL	IT
0	Cobalt-58	<8.1E-09	µCi/mL	IT
0	Cobalt-60	<8.4E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<6.2E-09	µCi/mL	IT
0	Niobium-95	<5.9E-09	µCi/mL	IT
0	Nonvolatile beta	5.0E-09 ± 2.8E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.2E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<4.9E-09	µCi/mL	IT
0	Ruthenium-106	<5.3E-08	µCi/mL	IT
0	Sodium-22	<8.9E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	5.7E-08 ± 6.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.8E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-234	1.8E-09 ± 5.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.8E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.5E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/02/91 Time: 9:55
Depth to water: Not available pH: 5.0
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	3.0	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.6	mg/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	<3.0	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	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	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	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	4.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL BLANK collected on 02/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	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	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-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	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00085	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00085	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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	9.9	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	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	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 methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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	Nitrite as nitrogen	<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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 02/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	220	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
2	Thallium	3.0	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	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total silica	<100	µg/L	GE
0	Toxaphene	<0.24	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	<1.0	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	6.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-08	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 8:35
pH: 4.6
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	IT
2	Specific conductance	1,440	µS/cm	IT
0	Turbidity	0.010	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT

WELL BLANK collected on 02/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	16	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.3	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT

WELL BLANK collected on 02/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	84	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	11,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
2	Americium-241	1.4E-08 ± 2.0E-09	µCi/mL	IT
0	Antimony-125	<4.6E-08	µCi/mL	IT
0	Cerium-141	<8.0E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cesium-134	<3.2E-08	µCi/mL	IT
0	Cesium-137	<5.7E-09	µCi/mL	IT
0	Cobalt-58	<8.0E-09	µCi/mL	IT
0	Cobalt-60	<8.2E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<5.7E-09	µCi/mL	IT
0	Niobium-95	<8.4E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.2E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<9.8E-08	µCi/mL	IT
0	Ruthenium-103	<5.3E-09	µCi/mL	IT
0	Ruthenium-106	<5.3E-08	µCi/mL	IT
0	Sodium-22	<7.5E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<7.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.1E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
1	Uranium-234	1.4E-08 ± 3.0E-09	µCi/mL	IT
0	Uranium-235	2.9E-09 ± 1.2E-09	µCi/mL	IT
0	Uranium-235	<3.8E-08	µCi/mL	IT
0	Uranium-238	3.4E-09 ± 1.4E-09	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 7:50
pH: 6.5
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 22.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	0.20	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE

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

F	Analyte	Result	Unit	Lab
0	Alkalinity (as $CaCO_3$)	2.6	mg/L	GE
0	Aluminum	22	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-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	11	µg/L	GE
0	Carbon tetrachloride	<1.0	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	2.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<10	µg/L	GE
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	Iodine	<100	µg/L	GE
0	Iron	6.5	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE

QUALITY CONTROL SAMPLES

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

F	Analyte	Result	Unit	Lab
0	Magnesium	2.8	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	410	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	180	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	Tin	<2.0	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	38	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total silica	370	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.6	µg/L	GE
0	Antimony-125	<1.1E-07	µCi/mL	EM
0	Cerium-144	<3.0E-07	µCi/mL	EM
0	Cesium-134	<3.9E-08	µCi/mL	EM
0	Cesium-137	<4.0E-08	µCi/mL	EM
0	Chromium-51	<3.5E-08	µCi/mL	EM
0	Cobalt-60	<3.8E-08	µCi/mL	EM
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	-1.0E-10 ± 2.2E-10	µCi/mL	EM
0	Iodine-131	<1.9E-04	µCi/mL	EM
0	Niobium-95	<2.5E-07	µCi/mL	EM
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	-3.7E-10 ± 8.0E-10	µCi/mL	EM
0	Ruthenium-103	<2.0E-07	µCi/mL	EM
0	Ruthenium-106	<4.2E-07	µCi/mL	EM
0	Strontium-89/90	3.2E-10 ± 1.9E-09	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	-2.2E-07 ± 7.3E-07	µCi/mL	EM
0	Zirconium-95	<1.7E-07	µCi/mL	EM

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91
Depth to water: Not available
Water elevation: Not available
Sp conductance: 1 µS/cm
Time: 11:05
pH: 5.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.2	pH	IT
0	Specific conductance	1.5	µS/cm	IT
0	Turbidity	0.090	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT

WELL BLANK collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Azobenzene	<10	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	15	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	Chloride	<250	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	J 1.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	12	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT

WELL BLANK collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	7,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic carbon	1,230	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
1	Americium-241	3.3E-09±8.0E-10	µCi/mL	IT
0	Antimony-125	<6.5E-08	µCi/mL	IT
0	Cerium-141	<1.1E-08	µCi/mL	IT
0	Cerium-144	<3.8E-07	µCi/mL	IT
0	Cesium-134	<4.4E-08	µCi/mL	IT
0	Cesium-137	<7.4E-09	µCi/mL	IT
0	Cobalt-58	<6.7E-09	µCi/mL	IT
0	Cobalt-60	<1.2E-08	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<8.2E-09	µCi/mL	IT
0	Niobium-95	<9.1E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.8E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.3E-07	µCi/mL	IT
0	Ruthenium-103	<7.2E-09	µCi/mL	IT
0	Ruthenium-106	<6.7E-08	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<7.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.3E-08	µCi/mL	IT
0	Tritium	3.9E-06±4.0E-07	µCi/mL	IT
1	Uranium-234	2.3E-08±4.0E-09	µCi/mL	IT
0	Uranium-235	2.5E-09±1.3E-09	µCi/mL	IT
0	Uranium-235	<5.2E-08	µCi/mL	IT
0	Uranium-238	3.2E-09±1.7E-09	µCi/mL	IT
0	Uranium-238	<1.6E-07	µCi/mL	IT
0	Zinc-65	<1.9E-08	µCi/mL	IT
0	Zirconium-95	<2.0E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:15
pH: 5.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	0.11	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.6	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE

WELL BLANK collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-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	17	µg/L	GE
0	Carbon tetrachloride	<1.0	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	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<10	µg/L	GE
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	Iodine	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Isophorone	<10	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	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

QUALITY CONTROL SAMPLES

WELL BLANK collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	310	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	92	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	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)	<50	µg/L	GE
0	Total silica	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	1,1,2-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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.1	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.5E-08 ± 4.0E-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: 02/09/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 12:45
pH: 4.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	0.11	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.8	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-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

WELL BLANK collected on 02/09/91, laboratory analyses (continued)

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	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	24	µg/L	GE
0	Carbon tetrachloride	<1.0	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	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<10	µg/L	GE
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	Iodine	<100	µg/L	GE
0	Iron	5.8	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	9.0	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	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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE

WELL BLANK collected on 02/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Potassium	<500	µg/L	GE
0	Pyrene	<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	54	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	Tin	<2.0	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	<5.0	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	Total silica	<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	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	<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 BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/10/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:25
pH: 4.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	IT
0	Specific conductance	2.6	µS/cm	IT
0	Turbidity	<0.10	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	23	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Cobalt	<5.0	µg/L	IT

WELL BLANK collected on 02/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	13	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.3	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	22	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	17	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
2	Americium-241	8.6E-09±9.0E-10	µCi/mL	IT
0	Antimony-125	<7.8E-08	µCi/mL	IT
0	Cerium-141	<7.8E-09	µCi/mL	IT
0	Cerium-144	<2.1E-07	µCi/mL	IT
0	Cesium-134	<5.0E-08	µCi/mL	IT
0	Cesium-137	<1.0E-08	µCi/mL	IT
0	Cobalt-58	<1.1E-08	µCi/mL	IT
0	Cobalt-60	<1.4E-08	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 02/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Manganese-54	<1.1E-08	µCi/mL	IT
0	Niobium-95	<9.7E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
2	Radium-226	1.8E-08±3.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.6E-07	µCi/mL	IT
0	Ruthenium-103	<8.8E-09	µCi/mL	IT
0	Ruthenium-106	<8.2E-08	µCi/mL	IT
0	Sodium-22	<1.2E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<7.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
2	Thorium-232	1.9E-08±3.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	2.2E-09±6.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.8E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	5.9E-07±6.0E-08	µCi/mL	IT
0	Zinc-65	<2.8E-08	µCi/mL	IT
0	Zirconium-95	<2.1E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:15
pH: 6.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	pH	5.7	pH	IT
0	Specific conductance	1.7	µS/cm	IT
0	Turbidity	<0.10	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	20	µg/L	IT
0	Aluminum	18	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	31	µg/L	IT
0	Calcium	43	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	Chloride	<250	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT

WELL BLANK collected on 02/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	7.0	µg/L	IT
0	Iron	12	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	3.2	µg/L	IT
0	Magnesium	3.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	92	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	6,000	µg/L	IT
0	Total dissolved solids	7,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT

WELL BLANK collected on 02/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	3.4	µg/L	IT
0	Zinc	2.6	µg/L	IT
2	Americium-241	1.9E-08±5.0E-09	µCi/mL	IT
0	Antimony-125	<4.9E-08	µCi/mL	IT
0	Cerium-141	<5.8E-09	µCi/mL	IT
0	Cerium-144	<1.5E-07	µCi/mL	IT
0	Cesium-134	<3.7E-08	µCi/mL	IT
0	Cesium-137	<8.3E-09	µCi/mL	IT
0	Cobalt-58	<7.6E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Manganese-54	<7.6E-09	µCi/mL	IT
0	Niobium-95	<7.3E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.0E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<6.4E-09	µCi/mL	IT
0	Ruthenium-106	<6.1E-08	µCi/mL	IT
0	Sodium-22	<9.2E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	1.7E-09±6.0E-10	µCi/mL	IT
0	Technetium-99	<7.0E-09	µCi/mL	IT
0	Technetium-99	<7.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
2	Thorium-232	1.1E-08±2.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	2.0E-06±9.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.7E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.6E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<2.0E-08	µCi/mL	IT
0	Zirconium-95	<1.7E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 8:55
pH: 6.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Specific conductance	1.7	µS/cm	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Acetophenone	<10	µg/L	IT
0	2-Acetylaminofluorene	<10	µg/L	IT
0	Aldrin	<0.050	µg/L	IT
0	4-Aminobiphenyl	<10	µg/L	IT
0	Aniline	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Aramite	<10	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Lindane	<0.050	µg/L	IT
0	alpha-Benzene hexachloride	<0.050	µg/L	IT
0	beta-Benzene hexachloride	<0.050	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	1,4-Benzoquinone	<10	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Chlordane	<1.0	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT

WELL BLANK collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzilate	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	o-Cresol (2-Methylphenol)	<10	µg/L	IT
0	m-Cresol (3-Methylphenol)	<10	µg/L	IT
0	p-Cresol (4-Methylphenol)	<10	µg/L	IT
0	p,p'-DDD	<0.10	µg/L	IT
0	p,p'-DDE	<0.10	µg/L	IT
0	p,p'-DDT	<0.10	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Diallate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,6-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.020	µg/L	IT
0	Dieldrin	<0.10	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	Dimethoate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	p-Dimethylaminoazobenzene	<10	µg/L	IT
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	IT
0	3,3'-Dimethylbenzidine	<10	µg/L	IT
0	a,a-Dimethylphenethylamine	<10	µg/L	IT
0	4,6-Dinitro-ortho-cresol	<50	µg/L	IT
0	1,3-Dinitrobenzene	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Diphenylamine	<10	µg/L	IT
0	Disulfoton	<10	µg/L	IT
0	Endosulfan I	<0.050	µg/L	IT
0	Endosulfan II	<0.10	µg/L	IT
0	Endosulfan sulfate	<0.10	µg/L	IT
0	Endrin	<0.10	µg/L	IT
0	Endrin aldehyde	<0.20	µg/L	IT
0	Ethyl methacrylate	<10	µg/L	IT
0	Ethyl methanesulfonate	<10	µg/L	IT
0	Famphur	<10	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Heptachlor epoxide	<0.050	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Hexachlorophene	<10	µg/L	IT
0	Hexachloropropene	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Isodrin	<10	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Isosafrole	<10	µg/L	IT
0	Kepone	<10	µg/L	IT
0	Methapyriiene	<10	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Methyl methanesulfonate	<10	µg/L	IT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	IT
0	3-Methylcholanthrene	<10	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-n-butylamine	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodiethylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	N-Nitrosomethylethylamine	<10	µg/L	IT
0	N-Nitrosomorpholine	<10	µg/L	IT
0	N-Nitrosopiperidine	<10	µg/L	IT
0	N-Nitrosopyrrolidine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	1,4-Naphthoquinone	<10	µg/L	IT
0	1-Naphthylamine	<10	µg/L	IT
0	2-Naphthylamine	<10	µg/L	IT
0	5-Nitro-o-toluidine	<10	µg/L	IT
0	2-Nitroaniline	<50	µg/L	IT
0	3-Nitroaniline	<50	µg/L	IT
0	4-Nitroaniline	<50	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	4-Nitroquinoline-1-oxide	<10	µg/L	IT
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	IT
0	Parathion	<10	µg/L	IT
0	Parathion methyl	<10	µg/L	IT
0	PCB 1016	<0.50	µg/L	IT
0	PCB 1221	<0.50	µg/L	IT
0	PCB 1232	<0.50	µg/L	IT
0	PCB 1242	<0.50	µg/L	IT
0	PCB 1248	<0.50	µg/L	IT
0	PCB 1254	<1.0	µg/L	IT
0	PCB 1260	<1.0	µg/L	IT
0	Pentachlorobenzene	<10	µg/L	IT
0	Pentachloroethane	<10	µg/L	IT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Pentachloronitrobenzene	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenacetin	<10	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	p-Phenylenediamine	<10	µg/L	IT
0	Phorate	<10	µg/L	IT
0	2-Picoline	<10	µg/L	IT
0	Pronamid	<10	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Pyridine	<10	µg/L	IT
0	Safrole	<10	µg/L	IT
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	IT
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	IT
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	IT
0	Tetraethyl dithiopyrophosphate	<10	µg/L	IT
0	Thionazin	<10	µg/L	IT
0	o-Toluidine	<10	µg/L	IT
0	Toxaphene	<1.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	2,4,5-Trichlorophenoxyacetic acid	<0.020	µg/L	IT
0	1,3,5-Trinitrobenzene	<10	µg/L	IT
2	Americium-241	4.0E-09±6.0E-10	µCi/mL	IT
0	Antimony-125	<5.8E-08	µCi/mL	IT
0	Antimony-125	<3.9E-08	µCi/mL	EM
0	Cerium-141	<6.4E-09	µCi/mL	IT
0	Cerium-144	<1.7E-07	µCi/mL	IT
0	Cerium-144	<9.1E-08	µCi/mL	EM
0	Cesium-134	<3.7E-08	µCi/mL	IT
0	Cesium-134	<1.3E-08	µCi/mL	EM
0	Cesium-137	<7.9E-09	µCi/mL	IT
0	Cesium-137	<1.6E-08	µCi/mL	EM
0	Chromium-51	<1.2E-06	µCi/mL	EM
0	Cobalt-58	<8.6E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Cobalt-60	<1.4E-08	µCi/mL	EM
0	Gross alpha	1.4E-11±9.0E-10	µCi/mL	EM
0	Iodine-131	<5.7E-05	µCi/mL	EM
0	Manganese-54	<8.1E-09	µCi/mL	IT
0	Niobium-95	<7.4E-09	µCi/mL	IT
0	Niobium-95	<8.4E-08	µCi/mL	EM
0	Nonvolatile beta	-1.0E-10±1.0E-09	µCi/mL	EM
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.2E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<6.8E-09	µCi/mL	IT
0	Ruthenium-103	<6.6E-08	µCi/mL	EM
0	Ruthenium-106	<6.2E-08	µCi/mL	IT
0	Ruthenium-106	<1.4E-07	µCi/mL	EM
0	Sodium-22	<9.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-89/90	1.5E-09±3.0E-09	µCi/mL	EM
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.2E-09	µCi/mL	IT
0	Tritium	-7.0E-08±5.2E-07	µCi/mL	EM
0	Uranium-234	1.0E-09±4.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.9E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.5E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<2.2E-08	µCi/mL	IT
0	Zirconium-95	<1.9E-08	µCi/mL	IT
0	Zirconium-95	<5.7E-08	µCi/mL	EM

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:30
pH: 6.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 15.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	pH	6.2	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Turbidity	0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<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	<0.50	µg/L	GE

WELL BLANK collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.6	mg/L	GE
0	Alkalinity (as $CaCO_3$)	2.6	mg/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	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	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	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	Benzidine	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<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	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Calcium	27	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-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	Chlordane	<0.50	µg/L	GE
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	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-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE

WELL BLANK collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	4.2	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<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	<50	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	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	Dichlorodifluoromethane	1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
2	Dichloromethane (Methylene chloride)	12	µg/L	GE
0	2,4-Dichlorophenol	<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	<0.50	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	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	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<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	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE

WELL BLANK collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<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	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<10	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	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	<10	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	<10	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	12	µg/L	GE
0	Iron	13	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<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	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	3.2	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	Methapyriene	<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 methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	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-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	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	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<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	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	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	Oil & grease	1,000	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00065	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	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	190	µg/L	GE
0	Silica	180	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	77	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	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	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	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE

WELL BLANK collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	o-Toluidine	<10	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	14,000	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total silica	160	µg/L	GE
0	Total silica	140	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	2.4	µg/L	GE
0	Zinc	2.5	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-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: 02/15/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 8:35
pH: 6.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 13.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.9	pH	IT
0	Specific conductance	1.0	µS/cm	GE
0	Specific conductance	1.3	µS/cm	IT
0	Turbidity	0.17	NTU	GE
0	Turbidity	<0.10	NTU	IT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	IT
0	Aldrin	<10	µg/L	GE
0	Aldrin	<0.040	µg/L	IT
0	Alkalinity (as $CaCO_3$)	2.0	mg/L	GE
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<20	µg/L	GE
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	<3.0	µg/L	GE
0	Barium	<1.0	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	alpha-Benzene hexachloride	<10	µg/L	GE

WELL BLANK collected on 02/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	IT
0	Benzo(a)anthracene	<10	µg/L	GE
0	Benzo(a)anthracene	<10	µg/L	IT
0	Benzo(a)pyrene	<10	µg/L	GE
0	Benzo(a)pyrene	<10	µg/L	IT
0	Benzo(b)fluoranthene	<10	µg/L	GE
0	Benzo(b)fluoranthene	<10	µg/L	IT
0	Benzo(g,h,i)perylene	<10	µg/L	GE
0	Benzo(g,h,i)perylene	<10	µg/L	IT
0	Benzo(k)fluoranthene	<10	µg/L	GE
0	Benzo(k)fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	IT
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	11	µg/L	GE
0	Calcium	34	µg/L	IT
0	Carbon disulfide	<5.0	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	IT
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
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-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	IT

WELL BLANK collected on 02/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	19	µg/L	GE
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	IT
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<0.66	µg/L	IT
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00077	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00074	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.00083	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00073	µg/L	IT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	IT
0	Iron	36	µg/L	GE
0	Iron	5.9	µg/L	IT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<5.0	µg/L	GE
0	Lithium	<20	µg/L	IT
0	Magnesium	<2.0	µg/L	GE
0	Magnesium	3.5	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	50	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 02/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<20	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0043	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0018	µg/L	IT
1	Oil & grease	6,400	µg/L	IT
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	Pentachlorodibenzo-p-dioxin isomers	<0.0034	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00082	µg/L	IT
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	32	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	220	µg/L	GE
0	Silica	<21	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	23	µg/L	GE
0	Sodium	<10	µg/L	IT
0	Sulfate	3,420	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0011	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0014	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total carbon	1,390	µg/L	IT
0	Total dissolved solids	<1,000	µg/L	GE
0	Total dissolved solids	<5,000	µg/L	IT
0	Total dissolved solids	30,000	µg/L	IT
0	Total inorganic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic carbon	1,190	µg/L	IT
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total petroleum hydrocarbons	<1,000	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Total silica	200	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<75	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Zinc	<2.0	µg/L	GE
0	Zinc	<2.0	µg/L	IT
2	Americium-241	6.5E-09 ± 8.0E-10	µCi/mL	IT
0	Antimony-125	<7.0E-08	µCi/mL	IT

WELL BLANK collected on 02/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cerium-141	<1.4E-08	µCi/mL	IT
0	Cerium-144	<6.7E-07	µCi/mL	IT
0	Cesium-134	<5.5E-08	µCi/mL	IT
0	Cesium-137	<9.7E-09	µCi/mL	IT
0	Cobalt-58	<1.1E-08	µCi/mL	IT
0	Cobalt-60	<1.2E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<1.0E-08	µCi/mL	IT
0	Niobium-95	<9.1E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<4.0E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.9E-07	µCi/mL	IT
0	Ruthenium-103	<9.2E-09	µCi/mL	IT
0	Ruthenium-106	<8.3E-08	µCi/mL	IT
0	Sodium-22	<1.5E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<8.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.5E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<6.4E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<4.9E-07	µCi/mL	IT
0	Zinc-65	<2.5E-08	µCi/mL	IT
0	Zirconium-95	<2.3E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 8:25
pH: 6.5
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	IT
0	Specific conductance	1.7	µS/cm	IT
0	Turbidity	<0.10	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aldrin	<0.040	µg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	29	µg/L	IT
0	Calcium	30	µg/L	IT
0	Carbon disulfide	<5.0	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT

WELL BLANK collected on 02/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Dissolved organic carbon	<1,000	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00084	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.00099	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00047	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	9.4	µg/L	IT
0	Iron	5.7	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.7	µg/L	IT
0	Magnesium	3.1	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.00051	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0013	µg/L	IT
0	Oil & grease	4,100	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0062	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00084	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	15	µg/L	IT
0	Phenols	5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT

WELL BLANK collected on 02/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silica	<21	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0025	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0013	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total carbon	1,480	µg/L	IT
0	Total dissolved solids	52,000	µg/L	IT
0	Total inorganic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total petroleum hydrocarbons	<1,000	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Zinc	2.9	µg/L	IT
2	Americium-241	8.1E-09 ± 9.0E-10	µCi/mL	IT
0	Antimony-125	<4.6E-08	µCi/mL	IT
0	Cerium-141	<5.3E-09	µCi/mL	IT
0	Cerium-144	<1.5E-07	µCi/mL	IT
0	Cesium-134	<3.4E-08	µCi/mL	IT
0	Cesium-137	<7.0E-09	µCi/mL	IT
0	Cobalt-58	<7.0E-09	µCi/mL	IT
0	Cobalt-60	<9.8E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<6.6E-09	µCi/mL	IT
0	Niobium-95	<6.6E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	1.1E-09 ± 8.0E-10	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.8E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<6.0E-09	µCi/mL	IT
0	Ruthenium-106	<5.4E-08	µCi/mL	IT
0	Sodium-22	<8.7E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<8.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
2	Thorium-232	1.4E-08 ± 2.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.4E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.3E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<1.7E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 8:55
pH: 5.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	1.8	µS/cm	IT
0	Turbidity	<0.10	NTU	IT
0	Turbidity	<0.10	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 02/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	30	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	8.8	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT

WELL BLANK collected on 02/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	29	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	2.6	µg/L	IT
1	Americium-241	2.1E-09±5.0E-10	µCi/mL	IT
0	Antimony-125	<7.8E-08	µCi/mL	IT
0	Cerium-141	<1.4E-08	µCi/mL	IT
0	Cerium-144	<7.0E-07	µCi/mL	IT
0	Cesium-134	<5.7E-08	µCi/mL	IT
0	Cesium-137	<1.0E-08	µCi/mL	IT
0	Cobalt-58	<1.1E-08	µCi/mL	IT
0	Cobalt-60	<1.3E-08	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<1.1E-08	µCi/mL	IT
0	Niobium-95	<9.8E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	1.1E-09±7.0E-10	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<4.0E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.8E-07	µCi/mL	IT
0	Ruthenium-103	<1.1E-08	µCi/mL	IT
0	Ruthenium-106	<9.0E-08	µCi/mL	IT
0	Sodium-22	<1.2E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<8.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.6E-08	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	<2.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<7.0E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<5.0E-07	µCi/mL	IT
0	Zinc-65	<2.8E-08	µCi/mL	IT
0	Zirconium-95	<2.5E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 8:55
pH: 5.4
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 23.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.0	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Turbidity	1.3	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<0.0050	µg/L	GE

WELL BLANK collected on 02/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lindane	< 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	< 50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Bis(chloromethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-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	32	µg/L	GE
0	Carbon tetrachloride	< 1.0	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	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	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	Dissolved organic carbon	< 1,000	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	beta-Endosulfan	< 10	µg/L	GE
0	Endrin	< 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	Iodine	< 100	µg/L	GE
0	Iron	6.5	µg/L	GE
0	Isophorone	< 10	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	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

WELL BLANK collected on 02/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Naphthalene	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	2,780	µg/L	GE
0	Nitrite as nitrogen	< 20	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	360	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	140	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	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
1	Total silica	620	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	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	3.5	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
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: 02/22/91 — Time: 9:10
Depth to water: Not available — pH: 5.7
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony-125	< 1.1E-07	µCi/mL	EM
0	Cerium-144	< 2.8E-07	µCi/mL	EM
0	Cesium-134	< 3.8E-08	µCi/mL	EM
0	Cesium-137	< 4.0E-08	µCi/mL	EM
0	Chromium-51	< 2.3E-08	µCi/mL	EM
0	Cobalt-60	< 3.4E-08	µCi/mL	EM
0	Gross alpha	8.1E-10 ± 1.8E-09	µCi/mL	EM
0	Iodine-131	< 3.9E-05	µCi/mL	EM
0	Niobium-95	< 1.8E-07	µCi/mL	EM
0	Nonvolatile beta	3.5E-10 ± 1.1E-09	µCi/mL	EM
0	Ruthenium-103	< 1.5E-07	µCi/mL	EM
0	Ruthenium-106	< 4.3E-07	µCi/mL	EM
0	Strontium-89/90	1.2E-09 ± 1.5E-09	µCi/mL	EM
0	Strontium-89/90	2.1E-09 ± 4.5E-09	µCi/mL	EM
0	Tritium	-4.0E-08 ± 5.3E-07	µCi/mL	EM
0	Zirconium-95	< 1.3E-07	µCi/mL	EM

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/24/91 — Time: 10:40
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 15.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	IT
0	pH	6.6	pH	IT
0	Specific conductance	1.6	µS/cm	IT
0	Specific conductance	1.6	µS/cm	IT
0	Turbidity	<0.10	NTU	IT
0	Turbidity	<0.10	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aldrin	<0.040	µg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	11	µg/L	IT
0	Calcium	11	µg/L	IT
0	Carbon disulfide	<5.0	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	Chloride	<250	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT

WELL BLANK collected on 02/24/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	6.9	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Dissolved organic carbon	<1,000	µg/L	IT
0	Endosulfan sulfate	<0.70	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00085	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00075	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00062	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	<5.0	µg/L	IT

WELL BLANK collected on 02/24/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Iron	<5.0	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0014	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0017	µg/L	IT
0	Oil & grease	4,700	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0036	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.0012	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	320	µg/L	IT
0	Silica	222	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0015	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0011	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total carbon	<1,000	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total dissolved solids	8,000	µg/L	IT
0	Total inorganic carbon	<1,000	µg/L	IT
0	Total organic carbon	2,170	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total petroleum hydrocarbons	<1,000	µg/L	IT
0	Total phosphates (as P)	34	µg/L	IT
0	Total phosphates (as P)	28	µg/L	IT
0	Toxaphene	<2.0	µg/L	IT
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT

WELL BLANK collected on 02/24/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
2	Americium-241	4.2E-09 ± 6.0E-10	µCi/mL	IT
2	Americium-241	5.0E-09 ± 7.0E-10	µCi/mL	IT
0	Antimony-125	<1.1E-07	µCi/mL	IT
0	Antimony-125	<6.5E-08	µCi/mL	IT
0	Cerium-141	<1.9E-08	µCi/mL	IT
0	Cerium-141	<1.2E-08	µCi/mL	IT
0	Cerium-144	<9.0E-07	µCi/mL	IT
0	Cerium-144	<6.0E-07	µCi/mL	IT
0	Cesium-134	<7.2E-08	µCi/mL	IT
0	Cesium-134	<4.8E-08	µCi/mL	IT
0	Cesium-137	<1.5E-08	µCi/mL	IT
0	Cesium-137	<8.8E-09	µCi/mL	IT
0	Cobalt-58	<1.4E-08	µCi/mL	IT
0	Cobalt-58	<9.2E-09	µCi/mL	IT
0	Cobalt-60	<1.5E-08	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<1.4E-08	µCi/mL	IT
0	Manganese-54	<8.7E-09	µCi/mL	IT
0	Niobium-95	<1.4E-08	µCi/mL	IT
0	Niobium-95	<7.9E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	1.1E-09 ± 9.0E-10	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<5.2E-08	µCi/mL	IT
0	Radium-226	<3.5E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<2.6E-07	µCi/mL	IT
0	Radium-228	<1.6E-07	µCi/mL	IT
0	Ruthenium-103	<1.3E-08	µCi/mL	IT
0	Ruthenium-103	<9.2E-09	µCi/mL	IT
0	Ruthenium-106	<1.2E-07	µCi/mL	IT
0	Ruthenium-106	<7.9E-08	µCi/mL	IT
0	Sodium-22	<1.8E-08	µCi/mL	IT
0	Sodium-22	<1.2E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<8.0E-09	µCi/mL	IT
0	Technetium-99	<8.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<2.1E-08	µCi/mL	IT
0	Thorium-232	<1.4E-08	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<8.9E-08	µCi/mL	IT
0	Uranium-235	<5.7E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<6.8E-07	µCi/mL	IT
0	Uranium-238	<4.3E-07	µCi/mL	IT
0	Zinc-65	<3.7E-08	µCi/mL	IT
0	Zinc-65	<2.3E-08	µCi/mL	IT
0	Zirconium-95	<2.8E-08	µCi/mL	IT
0	Zirconium-95	<2.0E-08	µCi/mL	IT

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm

Time: 8:30
pH: 6.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	pH	7.5	pH	IT
0	Specific conductance	1.0	µS/cm	GE
0	Specific conductance	1.5	µS/cm	IT
0	Turbidity	<0.10	NTU	GE
0	Turbidity	<0.10	NTU	IT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	IT
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.0	mg/L	GE
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<20	µg/L	GE
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	<3.0	µg/L	GE
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Lindane	<0.010	µg/L	IT
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	<50	µg/L	GE
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	22	µg/L	GE
0	Calcium	25	µg/L	IT
0	Calcium	26	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chlordane	<10	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	IT
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE

WELL BLANK collected on 02/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
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-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	IT

WELL BLANK collected on 02/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	IT
0	Iron	7.7	µg/L	GE
0	Iron	5.8	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	IT
0	Lead	5.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Lithium	<5.0	µg/L	GE
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	4.3	µg/L	GE
0	Magnesium	2.3	µg/L	IT
0	Magnesium	2.6	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	IT
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	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	870	µg/L	GF
0	Silica	578	µg/L	IT
0	Silica	574	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	41	µg/L	GE
0	Sodium	<10	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<3.0	µg/L	IT
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	3,000	µg/L	GE

WELL BLANK collected on 02/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,150	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
1	Total silica	750	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	3.1	µg/L	GE
0	Zinc	<2.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
1	Americium-241	2.2E-09 ± 5.0E-10	µCi/mL	IT
0	Antimony-125	<6.6E-08	µCi/mL	IT
0	Cerium-141	<7.6E-09	µCi/mL	IT
0	Cerium-144	<2.0E-07	µCi/mL	IT
0	Cesium-134	<4.1E-08	µCi/mL	IT
0	Cesium-137	<9.8E-09	µCi/mL	IT
0	Cobalt-58	<9.4E-09	µCi/mL	IT
0	Cobalt-60	<1.2E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Manganese-54	<1.0E-08	µCi/mL	IT
0	Niobium-95	<9.2E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-08 ± 4.0E-09	µCi/mL	IT
1	Plutonium-238	1.9E-09 ± 1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.4E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.6E-07	µCi/mL	IT
0	Ruthenium-103	<9.1E-09	µCi/mL	IT
0	Ruthenium-106	<7.4E-08	µCi/mL	IT
0	Sodium-22	<1.4E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<8.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-08	µCi/mL	IT
0	Total radium	1.0E-09 ± 1.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.6E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.4E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<2.6E-08	µCi/mL	IT
0	Zirconium-95	<2.1E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 8:30
pH: 4.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 14.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.6	pH	IT
0	Specific conductance	1.9	µS/cm	IT
0	Turbidity	<0.10	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aldrin	<0.040	µg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 02/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	22	µg/L	IT
0	Carbon disulfide	<5.0	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Dissolved organic carbon	<1,000	µg/L	IT
0	Endosulfan sulfate	<0.70	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00068	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00035	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.00082	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00097	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	6.2	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.4	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT

WELL BLANK collected on 02/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0011	µg/L	IT
0	Oil & grease	2,800	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0039	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00079	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	1,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0044	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total carbon	1,250	µg/L	IT
0	Total carbon	1,280	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total inorganic carbon	<1,000	µg/L	IT
0	Total inorganic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total petroleum hydrocarbons	<1,000	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<8.1E-08	µCi/mL	IT
0	Cerium-141	<1.5E-08	µCi/mL	IT
0	Cerium-144	<7.1E-07	µCi/mL	IT
0	Cesium-134	<5.8E-08	µCi/mL	IT
0	Cesium-137	<1.1E-08	µCi/mL	IT
0	Cobalt-58	<1.1E-08	µCi/mL	IT
0	Cobalt-60	<1.5E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<9.5E-09	µCi/mL	IT
0	Niobium-95	<1.0E-08	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Plutonium-238	1.1E-09±7.0E-10	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<4.0E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.9E-07	µCi/mL	IT
0	Ruthenium-103	<1.0E-08	µCi/mL	IT
0	Ruthenium-106	<9.4E-08	µCi/mL	IT
0	Sodium-22	<1.6E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<8.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.6E-08	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<7.2E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<5.2E-07	µCi/mL	IT
0	Zinc-65	<3.0E-08	µCi/mL	IT
0	Zirconium-95	<2.5E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 Time: 8:20
Depth to water: Not available pH: 5.8
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 22.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	pH	5.8	pH	IT
0	Specific conductance	1.0	µS/cm	GE
0	Specific conductance	1.6	µS/cm	IT
0	Turbidity	0.050	NTU	GE
0	Turbidity	<0.10	NTU	IT
0	Acenaphthene	<400	µg/L	GE
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<400	µg/L	GE
0	Acenaphthylene	<10	µg/L	IT
0	Acetophenone	<400	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<400	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.0	mg/L	GE
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<20	µg/L	GE
0	Aluminum	<10	µg/L	IT
0	Anthracene	<400	µg/L	GE
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	<3.0	µg/L	GE
0	Barium	<1.0	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<400	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<400	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<400	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<400	µg/L	GE
0	Benzidine	<2,000	µg/L	GE
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<400	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<400	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<400	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<400	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<400	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	IT
0	Bis(chloromethyl)ether	<400	µg/L	GE
0	Bis(2-chloroethoxy) methane	<400	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<400	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<400	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<400	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<400	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<400	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	30	µg/L	GE
0	Calcium	11	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<400	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chloride	<250	µg/L	IT
0	para-Chloro-meta-cresol	<400	µg/L	GE
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT

WELL BLANK collected on 02/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<400	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<400	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<400	µg/L	GE
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<400	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<400	µg/L	GE
0	Chrysene	<10	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<400	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<400	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<400	µg/L	GE
0	Di-n-butyl phthalate	<400	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<400	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<400	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<400	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<400	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenol	<400	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<400	µg/L	GE
0	Diethyl phthalate	<400	µg/L	GE
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<400	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<400	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<400	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<400	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<400	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	1,2-Diphenylhydrazine	<400	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<400	µg/L	GE
0	alpha-Endosulfan	<400	µg/L	GE
0	beta-Endosulfan	<400	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<400	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<400	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<400	µg/L	GE
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<400	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 02/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Fluorene	<10	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor	<400	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<400	µg/L	GE
0	Hexachlorobenzene	<400	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<400	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<400	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Hexachloroethane	<400	µg/L	GE
0	Hexachloroethane	<10	µg/L	IT
0	Indeno(1,2,3-c,d)pyrene	<400	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	IT
0	Iron	7.3	µg/L	GE
0	Iron	<5.0	µg/L	IT
0	Isophorone	<400	µg/L	GE
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Lithium	<5.0	µg/L	GE
0	Lithium	<20	µg/L	IT
0	Magnesium	4.8	µg/L	GE
0	Magnesium	<2.0	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methyl-4,6-dinitrophenol	<400	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<400	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<400	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<400	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<400	µg/L	GE
0	Naphthalene	<10	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrobenzene	<400	µg/L	GE
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<400	µg/L	GE
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<400	µg/L	GE
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Oil & grease	<1,000	µg/L	GE
0	PCB 1016	<6,000	µg/L	GE
0	PCB 1221	<6,000	µg/L	GE
0	PCB 1232	<6,000	µg/L	GE
0	PCB 1242	<6,000	µg/L	GE
0	PCB 1248	<6,000	µg/L	GE
0	PCB 1254	<6,000	µg/L	GE
0	PCB 1260	<6,000	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	<0.00065	µg/L	GE
0	Pentachlorophenol	<400	µg/L	GE
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<400	µg/L	GE
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<400	µg/L	GE
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Pyrene	<400	µg/L	GE
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	9,300	µg/L	GE
0	Silica	2,660	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	110	µg/L	GE
0	Sodium	<10	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE

WELL BLANK collected on 02/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<3.0	µg/L	IT
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total dissolved solids	<5,000	µg/L	IT
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,130	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
2	Total silica	9,400	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<400	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
2	Tributyl phosphate	1,000	µg/L	GE
0	1,2,4-Trichlorobenzene	<400	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<400	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<75	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<1.0	µg/L	GE
0	Zinc	4.1	µg/L	GE
0	Zinc	<2.0	µg/L	IT
1	Americium-241	2.9E-09 ± 6.0E-10	µCi/mL	IT
0	Antimony-125	<5.0E-08	µCi/mL	IT
0	Cerium-141	<5.5E-09	µCi/mL	IT
0	Cerium-144	<1.5E-07	µCi/mL	IT
0	Cesium-134	<3.5E-08	µCi/mL	IT
0	Cesium-137	<6.9E-09	µCi/mL	IT
0	Cobalt-58	<7.5E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<7.8E-09	µCi/mL	IT
0	Niobium-95	<6.6E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.0E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<6.0E-09	µCi/mL	IT
0	Ruthenium-106	<6.1E-08	µCi/mL	IT
0	Sodium-22	<9.5E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	1.1E-07 ± 2.0E-08	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
1	Thorium-232	9.9E-09 ± 2.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.5E-08	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.3E-07 ± 5.0E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Zinc-65	<1.5E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 — Time: 8:45
Depth to water: Not available — pH: 5.5
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 3 µS/cm — Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony-125	<3.8E-08	µCi/mL	EM
0	Cerium-144	<9.9E-08	µCi/mL	EM
0	Cesium-134	<1.3E-08	µCi/mL	EM
0	Cesium-137	<1.4E-08	µCi/mL	EM
0	Chromium-51	<7.7E-07	µCi/mL	EM
0	Cobalt-60	<1.5E-08	µCi/mL	EM
0	Iodine-131	<1.4E-05	µCi/mL	EM
0	Niobium-95	<6.5E-08	µCi/mL	EM
0	Ruthenium-103	<5.2E-08	µCi/mL	EM
0	Ruthenium-106	<1.3E-07	µCi/mL	EM
0	Strontium-89/90	6.9E-10±1.6E-09	µCi/mL	EM
0	Strontium-89/90	6.0E-10±2.7E-09	µCi/mL	EM
0	Tritium	-2.4E-07±5.2E-07	µCi/mL	EM
0	Zirconium-95	<5.0E-08	µCi/mL	EM

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91 — Time: 9:30
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 4 µS/cm — Water temperature: 15.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.5	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Turbidity	<0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Alkalinity (as $CaCO_3$)	1.5	mg/L	GE
0	Alkalinity (as $CaCO_3$)	1.5	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	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	Lindane	<10	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	GE
0	Benzo(a)anthracene	<10	µg/L	GE
0	Benzo(a)anthracene	<10	µg/L	GE
0	Benzo(a)pyrene	<10	µg/L	GE
0	Benzo(a)pyrene	<10	µg/L	GE
0	Benzo(b)fluoranthene	<10	µg/L	GE
0	Benzo(b)fluoranthene	<10	µg/L	GE
0	Benzo(g,h,i)perylene	<10	µg/L	GE
0	Benzo(g,h,i)perylene	<10	µg/L	GE
0	Benzo(k)fluoranthene	<10	µg/L	GE
0	Benzo(k)fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE

WELL BLANK collected on 03/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	21	µg/L	GE
0	Calcium	18	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	<10	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chlordane	<0.50	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	para-Chloro-meta-cresol	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 03/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Dieldrin	<10	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	27	µg/L	GE
0	Iron	8.5	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.1	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	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE

WELL BLANK collected on 03/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	4-Nitrophenol	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Oil & grease	<1,000	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	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	<0.00065	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	17,000	µg/L	GE
0	Silica	17,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	240	µg/L	GE
0	Sodium	48	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	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	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total dissolved solids	41,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
2	Total silica	18,000	µg/L	GE
2	Total silica	16,000	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	6.9	µg/L	GE
0	Zinc	6.9	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

WELL BLANK collected on 03/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	9.4E-07 ± 2.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 Time: 8:35
Depth to water: Not available pH: 5.4
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 4 µS/cm Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	pH	5.2	pH	IT
0	Specific conductance	1.5	µS/cm	IT
0	Turbidity	<0.10	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	14	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	280	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT

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

F	Analyte	Result	Unit	Lab
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	15,000	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	28,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	33	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.4E-08	µCi/mL	IT
0	Cerium-141	<6.8E-09	µCi/mL	IT
0	Cerium-144	<1.8E-07	µCi/mL	IT
0	Cesium-134	<3.0E-08	µCi/mL	IT
0	Cesium-137	<6.5E-09	µCi/mL	IT
0	Cobalt-58	<5.8E-09	µCi/mL	IT
0	Cobalt-60	<8.2E-09	µCi/mL	IT
0	Gross alpha	<1.0E-09	µCi/mL	IT
0	Manganese-54	<6.8E-09	µCi/mL	IT
0	Niobium-95	<5.4E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.8E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<5.6E-09	µCi/mL	IT
0	Ruthenium-106	<5.0E-08	µCi/mL	IT
0	Sodium-22	<6.1E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<8.0E-09	µCi/mL	IT
0	Technetium-99	<8.0E-09	µCi/mL	IT
0	Thorium-228	1.1E-09 ± 3.0E-10	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<8.3E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-235	<3.0E-08	µCi/mL	IT
0	Uranium-238	<7.5E-08	µCi/mL	IT
0	Zinc-65	<1.7E-08	µCi/mL	IT
0	Zirconium-95	<1.2E-08	µCi/mL	IT

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91 — Time: 8:55
Depth to water: Not available — pH: 4.5
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 4 µS/cm — Water temperature: 16.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	1.8	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-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	µg/L	GE
0	Carbon tetrachloride	<1.0	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	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE

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

F	Analyte	Result	Unit	Lab
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	Iodine	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	5.7	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phananthrene	<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	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	110	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	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
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
2	Total silica	13,000	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	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	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 — Time: 10:40
Depth to water: Not available — pH: 4.3
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	1.8	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE

WELL BLANK collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Antimony	<3.0	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	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-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	11	µg/L	GE
0	Carbon tetrachloride	<1.0	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	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<10	µg/L	GE
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	Iodine	<100	µg/L	GE
0	Iron	5.8	µg/L	GE
0	Isophorone	<10	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

WELL BLANK collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	25,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	110	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	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)	<50	µg/L	GE
2	Total silica	32,000	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	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
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: 03/09/91 — Time: 8:30
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony-125	<3.7E-08	µCi/mL	EM
0	Cerium-144	<8.8E-08	µCi/mL	EM
0	Cesium-134	<1.2E-08	µCi/mL	EM
0	Cesium-137	<1.1E-08	µCi/mL	EM
0	Cobalt-60	<1.4E-08	µCi/mL	EM
0	Gross alpha	1.2E-10±3.3E-10	µCi/mL	EM
0	Iodine-131	<8.0E-08	µCi/mL	EM
0	Niobium-95	<5.0E-08	µCi/mL	EM
0	Nonvolatile beta	7.8E-10±8.1E-10	µCi/mL	EM
0	Ruthenium-103	<4.2E-08	µCi/mL	EM
0	Ruthenium-106	<1.1E-07	µCi/mL	EM
0	Strontium-89/90	2.5E-09±2.0E-09	µCi/mL	EM
0	Zirconium-95	<4.4E-08	µCi/mL	EM

QUALITY CONTROL SAMPLES

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/10/91 — Time: 8:05
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	1.0	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	1.8	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE
1	Antimony	3.0	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	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-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	19	µg/L	GE
0	Carbon tetrachloride	<1.0	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	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE

WELL BLANK collected on 03/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Iodine	<100	µg/L	GE
0	Iron	27	µg/L	GE
0	Isophorone	<10	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	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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	57	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	Tin	<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)	<50	µg/L	GE
2	Total silica	15,000	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.1	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91 — Time: 8:30
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 16.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	pH	4.8	pH	IT
0	Specific conductance	1.8	µS/cm	IT
0	Specific conductance	5.4	µS/cm	IT
0	Turbidity	<0.10	NTU	IT
0	Turbidity	<0.10	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT

WELL BLANK collected on 03/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Acenaphthylene	<10	µg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	10	µg/L	IT
0	Aluminum	11	µg/L	IT
0	Aluminum	11	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	16	µg/L	IT
0	Calcium	12	µg/L	IT
0	Calcium	12	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	Chloride	<250	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	4.8	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Cobalt	<5.0	µg/L	IT

WELL BLANK collected on 03/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
1	Cyanide	12	µg/L	IT
1	Cyanide	12	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	5.4	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Magnesium	3.2	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Mercury	<0.30	µg/L	IT

QUALITY CONTROL SAMPLES

WELL BLANK collected on 03/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	3,200	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	13,100	µg/L	IT
0	Silica	13,200	µg/L	IT
0	Silica	17,300	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	15	µg/L	IT
0	Sodium	13	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	8,000	µg/L	IT
0	Total dissolved solids	8,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	15	µg/L	IT
0	Total organic halogens	15	µg/L	IT
0	Total phosphates (as P)	12	µg/L	IT
0	Total phosphates (as P)	12	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Vanadium	<2.0	µg/L	IT

WELL BLANK collected on 03/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Vanadium	<2.0	µg/L	IT
0	Zinc	3.1	µg/L	IT
0	Zinc	2.5	µg/L	IT
0	Zinc	<2.0	µg/L	IT
2	Americium-241	4.4E-09±7.0E-10	µCi/mL	IT
2	Americium-241	4.4E-09±8.0E-10	µCi/mL	IT
0	Antimony-125	<4.8E-08	µCi/mL	IT
0	Antimony-125	<7.2E-08	µCi/mL	IT
0	Cerium-141	<5.6E-09	µCi/mL	IT
0	Cerium-141	<1.2E-08	µCi/mL	IT
0	Cerium-144	<1.5E-07	µCi/mL	IT
0	Cerium-144	<6.0E-07	µCi/mL	IT
0	Cesium-134	<3.3E-08	µCi/mL	IT
0	Cesium-134	<5.2E-08	µCi/mL	IT
0	Cesium-137	<7.6E-09	µCi/mL	IT
0	Cesium-137	<9.8E-09	µCi/mL	IT
0	Cobalt-58	<7.7E-09	µCi/mL	IT
0	Cobalt-58	<9.5E-09	µCi/mL	IT
0	Cobalt-60	<9.5E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<7.7E-09	µCi/mL	IT
0	Manganese-54	<8.6E-09	µCi/mL	IT
0	Niobium-95	<8.7E-09	µCi/mL	IT
0	Niobium-95	<9.7E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.9E-08	µCi/mL	IT
0	Radium-226	<3.7E-08	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-07	µCi/mL	IT
0	Radium-228	<1.7E-07	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Ruthenium-103	<6.1E-09	µCi/mL	IT
0	Ruthenium-103	<8.7E-09	µCi/mL	IT
0	Ruthenium-106	<5.6E-08	µCi/mL	IT
0	Ruthenium-106	<7.6E-08	µCi/mL	IT
0	Sodium-22	<9.4E-09	µCi/mL	IT
0	Sodium-22	<1.2E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Technetium-99	<8.0E-09	µCi/mL	IT
0	Technetium-99	<8.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
2	Thorium-232	1.5E-08±2.0E-09	µCi/mL	IT
0	Thorium-232	<1.4E-08	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.4E-08	µCi/mL	IT
0	Uranium-235	<8.0E-08	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.3E-07±5.0E-08	µCi/mL	IT
0	Uranium-238	<4.4E-07	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Zinc-65	<1.8E-08	µCi/mL	IT
0	Zinc-65	<2.3E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT
0	Zirconium-95	<2.0E-08	µCi/mL	IT

WELL BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 Time: 9:10
Depth to water: Not available pH: 4.5
Water elevation: Not available Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 8 µS/cm Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	4.0	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Alkalinity (as $CaCO_3$)	1.8	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Anthracene	<10	µg/L	GE

WELL BLANK collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Antimony	<3.0	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	Lindane	<0.0050	µg/L	GE
0	Lindane	<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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-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	33	µg/L	GE
0	Carbon tetrachloride	<1.0	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	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<0.0080	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	Iodine	<100	µg/L	GE
0	Iron	14	µg/L	GE
0	Isophorone	<10	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

WELL BLANK collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	18,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	150	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	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
2	Total silica	18,000	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<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 BLANK

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/17/91 — Time: 10:25
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 15.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	2.0	µS/cm	GE
0	Turbidity	<0.10	NTU	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Alkalinity (as $CaCO_3$)	2.0	mg/L	GE
0	Aluminum	51	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzidine	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE

QUALITY CONTROL SAMPLES

WELL BLANK collected on 03/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-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	37	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	<10	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	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<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	<0.50	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	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	Dissolved organic carbon	<1,000	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Isophorone	<10	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

WELL BLANK collected on 03/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	4.4	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Oil & grease	<1,000	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	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	<0.00065	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	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	180	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<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	Thallium	<2.0	µg/L	GE
0	Tin	3.5	µg/L	GE
0	Toluene	<1.0	µg/L	GE
1	Total carbon	8,000	µg/L	GE
0	Total dissolved solids	7,000	µg/L	GE
1	Total inorganic carbon	8,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
2	Total silica	14,000	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	Tributyl phosphate	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	11	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL EPT 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/03/91 — Time: 12:05
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 12.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	17	µg/L	GE
0	Calcium	18	µg/L	GE
0	Chromium	<4.0	µg/L	GE

WELL EPT 1 collected on 01/03/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	6.7	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	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	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	27,000	µg/L	GE
1	Silica	26,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	34	µg/L	GE
0	Sodium	37	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.5	µg/L	GE
0	Zinc	3.5	µg/L	GE

WELL EPT 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:55
pH: 5.5
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 12.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	20	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	49	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
1	Silica	25,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	220	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 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 9:05
pH: 5.6
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 14.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	30	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE

WELL EPT 3 collected on 01/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	55	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	7.8	µg/L	GE
1	Iron	160	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	8.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.9	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Silica	41,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	120	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	4.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	33	µg/L	GE

WELL EPT 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 9:15
pH: 5.5
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	7.8	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
1	Silica	28,000	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	3.5	µg/L	GE

WELL EPT 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 10:35
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 14.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	26	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	11	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
1	Silica	27,000	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 5 collected on 01/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	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 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91 Time: 9:30
Depth to water: Not available pH: 5.3
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 15.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	11	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
1	Silica	38,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	590	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 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/06/91 Time: 9:00
Depth to water: Not available pH: 5.5
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	8.4	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
1	Silica	38,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	710	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 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91 Time: 13:40
Depth to water: Not available pH: 5.1
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 3 µS/cm Water temperature: 9.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	8.3	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	12,000	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	3.5	µg/L	GE

WELL EPT 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 Time: 10:30
Depth to water: Not available pH: 4.8
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 10.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	7.8	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	5.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	10	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	<2.0	µg/L	GE

WELL EPT 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91 Time: 11:05
Depth to water: Not available pH: 4.8
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 9.9°C

LABORATORY ANALYSES

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

WELL EPT 10 collected on 01/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	28	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.2	µg/L	GE
0	Iron	6.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	7.8	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
1	Silica	26,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	88	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.7	µg/L	GE

WELL EPT 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 6 µS/cm
Time: 14:55
pH: 4.5
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 13.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	8.8	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
2	Silica	69,000	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	6.8	µg/L	GE

WELL EPT 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:20
pH: 5.7
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 8.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	71	µg/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	4.3	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	9.9	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	530	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	89	µg/L	GE

WELL EPT 12 collected on 01/22/91, laboratory analyses (continued)

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	7.5	µg/L	GE

WELL EPT 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 13:55
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 14.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	33	µg/L	GE
0	Aluminum	32	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	140	µg/L	GE
0	Calcium	85	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	10	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	19	µg/L	GE
0	Magnesium	13	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	520	µg/L	GE
0	Silica	850	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	310	µg/L	GE
0	Sodium	200	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	37	µg/L	GE
0	Zinc	37	µg/L	GE

WELL EPT 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/11/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:35
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	5.1	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 14 collected on 01/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Silica	51,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	150	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.8	µg/L	GE

WELL EPT 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 10:35
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
1	Antimony	4.0	µg/L	GE
2	Antimony	5.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Coppe	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	6.2	µg/L	GE
0	Iron	4.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.2	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	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Silica	120,000	µg/L	GE
2	Silica	120,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	92	µg/L	GE
0	Sodium	83	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.5	µg/L	GE
0	Zinc	3.5	µg/L	GE

WELL EPT 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/13/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 9:05
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 9.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	620	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.0	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	19	µg/L	GE
0	Manganese	3.8	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	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	670	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	3.8	µg/L	GE

WELL EPT 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 14:25
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	25	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	7.5	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	0.48	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	31,000	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	4.6	µg/L	GE

WELL EPT 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 11:20
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.5°C

LABORATORY ANALYSES

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

WELL EPT 18 collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	<2.0	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
1	Silica	25,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	56	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	2.3	µg/L	GE

WELL EPT 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 11:50
pH: 4.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	150	µg/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	9.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	5.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	33,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	130	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	6.6	µg/L	GE

WELL EPT 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 12:05
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	7.9	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
1	Silica	22,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	71	µg/L	GE

WELL EPT 20 collected on 01/17/91, laboratory analyses (continued)

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	6.2	µg/L	GE

WELL EPT 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 6 µS/cm
Time: 9:45
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<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	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Silica	49,000	µg/L	GE
2	Silica	49,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	120	µg/L	GE
0	Sodium	110	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.9	µg/L	GE
0	Zinc	7.3	µg/L	GE

WELL EPT 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 9:35
pH: 4.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 11.6°C

LABORATORY ANALYSES

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

QUALITY CONTROL SAMPLES

WELL EPT 22 collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	13,000	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	4.7	µg/L	GE

WELL EPT 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 9:50
pH: 5.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 13.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	150	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	6.2	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	22	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	89	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	9.1	µg/L	GE

WELL EPT 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 10:35
pH: 4.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 13.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,500	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	53	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	130	µg/L	GE
0	Manganese	6.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	22,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	140	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	9.1	µg/L	GE

WELL EPT 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 15:30
pH: 4.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 13.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	11	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	23	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: 01/22/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:40
pH: 5.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 7.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	50	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	15,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	29	µg/L	GE
2	Iron	360	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	180	µg/L	GE
2	Manganese	60	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	470	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	190	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	13	µg/L	GE

WELL EPT 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 10:25
pH: 5.4
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 11.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	43	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL EPT 27 collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	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	Iron	4.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	31	µg/L	GE
0	Manganese	19	µg/L	GE
2	Mercury	4.9	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	290	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	220	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	4.2	µg/L	GE

WELL EPT 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/24/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 11:10
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 9.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.2	µg/L	GE
0	Beryllium	<3.0	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	4.0	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	220	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	130	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 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/24/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 12:05
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 12.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	61	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	50	µg/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	290	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	130	µg/L	GE

WELL EPT 29 collected on 01/24/91, laboratory analyses (continued)

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	3.8	µg/L	GE

WELL EPT 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 9:20
pH: 4.7
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 7.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	13	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	8.2	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	800	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	5.8	µg/L	GE

WELL EPT 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 9:55
pH: 5.4
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 11.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	23	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	82	µg/L	GE
0	Chromium	4.1	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	10	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	20	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	710	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	270	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	9.9	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:15
pH: 5.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 9.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	23	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	9.7	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	6.8	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	880	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	200	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.3	µg/L	GE

WELL EPT 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/26/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:45
pH: 5.4
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 9.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	11	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	570	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	180	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.6	µg/L	GE

WELL EPT 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/27/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 10:50
pH: 4.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 10.7°C

LABORATORY ANALYSES

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

WELL EPT 34 collected on 01/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	130	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	6.8	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	510	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	170	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.0	µg/L	GE

WELL EPT 35

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/26/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 10:25
pH: 5.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	27	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	5.1	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	170	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	9.0	µg/L	GE

WELL EPT 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:40
pH: 5.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 14.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	7.7	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	130	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	47	µg/L	GE

WELL EPT 36 collected on 01/28/91, laboratory analyses (continued)

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 37

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91 — Time: 9:15
Depth to water: Not available — pH: 5.3
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	16	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	120	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	250	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 EPT 38

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91 — Time: 10:05
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 5 µS/cm — Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	82	µg/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	9.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	8.1	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	980	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	250	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	420	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 39

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91 — Time: 14:20
Depth to water: Not available — pH: 5.9
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 3 µS/cm — Water temperature: 15.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	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	Iron	8.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	25	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	490	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	820	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	4.2	µg/L	GE

WELL EPT 40

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/30/91 — Time: 9:45
Depth to water: Not available — pH: 5.5
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 22.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	150	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.8	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	25	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	650	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	210	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	4.9	µg/L	GE

WELL EPT 41

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/30/91 — Time: 10:15
Depth to water: Not available — pH: 6.2
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 3 µS/cm — Water temperature: 19.4°C

LABORATORY ANALYSES

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

QUALITY CONTROL SAMPLES

WELL EPT 41 collected on 01/30/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	150	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	14	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	18	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	550	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	230	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.9	µg/L	GE

WELL EPT 42

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/30/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 11:25
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	34	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	82	µg/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	220	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	200	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.1	µg/L	GE

WELL EPT 43

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 8:50
pH: 6.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	150	µg/L	GE
0	Calcium	140	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	17	µg/L	GE
0	Copper	15	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Iron	21	µg/L	GE

WELL EPT 43 collected on 01/31/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	25	µg/L	GE
0	Magnesium	20	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	470	µg/L	GE
0	Silica	400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	170	µg/L	GE
0	Sodium	140	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.9	µg/L	GE
0	Zinc	5.4	µg/L	GE

WELL EPT 44

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 15:10
pH: 5.5
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 15.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	8.8	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	290	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	88	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.3	µg/L	GE

WELL EPT 45

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 12:10
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 15.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	14	µg/L	GE

WELL EPT 45 collected on 01/31/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lead	3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	160	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 46

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/02/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 11:00
pH: 5.7
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 15.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	45	µg/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	54	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	510	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	320	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 47

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:50
pH: 6.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 10.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	5.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	260	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	73	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 48

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 9:35
pH: 5.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	73	µg/L	GE
0	Calcium	68	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	8.5	µg/L	GE
0	Copper	9.2	µg/L	GE
0	Iron	15	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	9.9	µg/L	GE
0	Magnesium	8.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	920	µg/L	GE
0	Silica	880	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	210	µg/L	GE
0	Sodium	400	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	12	µg/L	GE
0	Zinc	7.2	µg/L	GE

WELL EPT 49

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 13:45
pH: 5.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 23.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	37	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	2.1	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	580	µg/L	GE
0	Silver	<2.0	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 49 collected on 02/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	250	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	6.8	µg/L	GE

WELL EPT 50

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 Time: 10:20
Depth to water: Not available pH: 5.9
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 6 µS/cm Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	25	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	54	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	26	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	8.0	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	510	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	44	µg/L	GE

WELL EPT 51

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91 Time: 9:30
Depth to water: Not available pH: 6.0
Water elevation: Not available Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 3 µS/cm Water temperature: 22.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	37	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	53	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	11	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	370	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	41	µg/L	GE

WELL EPT 52

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 Time: 10:30
Depth to water: Not available pH: 5.5
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 22.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	24	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	8.7	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	400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	83	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	6.6	µg/L	GE

WELL EPT 53

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91 Time: 9:25
Depth to water: Not available pH: 6.1
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 15.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	6.4	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	330	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	8.4	µg/L	GE

WELL EPT 54

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91 Time: 9:30
Depth to water: Not available pH: 5.1
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 15.8°C

LABORATORY ANALYSES

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

WELL EPT 54 collected on 02/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	9.2	µg/L	GE
0	Lead	5.0	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	<0.20	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	23	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	12	µg/L	GE

WELL EPT 55

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/09/91 Time: 13:45
Depth to water: Not available pH: 6.8
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	26	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	6.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	160	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	7.4	µg/L	GE

WELL EPT 56

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 10:35
Depth to water: Not available pH: 5.4
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 15.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	51	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	29	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	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	290	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	98	µg/L	GE

WELL EPT 56 collected on 02/12/91, laboratory analyses (continued)

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	11	µg/L	GE

WELL EPT 57

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 10:00
Depth to water: Not available pH: 6.2
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 14.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	4.8	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	130	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	36	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 58

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 9:25
Depth to water: Not available pH: 5.6
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	33	µg/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	6.6	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	220	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	290	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	4.9	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 59

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:05
pH: 5.7
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	51	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	8.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.59	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	170	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	160	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	4.9	µg/L	GE

WELL EPT 60

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 9:25
pH: 5.4
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	25	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	33	µg/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	33	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	<2.0	µg/L	GE
0	Mercury	0.49	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	350	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	4.9	µg/L	GE

WELL EPT 61

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 12:40
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

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

WELL EPT 61 collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	120	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	4.7	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.82	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	170	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	170	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.4	µg/L	GE

WELL EPT 62

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:40
pH: 6.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 6.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	27	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	6.7	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	290	µg/L	GE
0	Silver	5.0	µg/L	GE
0	Sodium	76	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	17	µg/L	GE

WELL EPT 63

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:15
pH: 5.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
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	13	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	740	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	120	µg/L	GE

WELL EPT 63 collected on 02/20/91, laboratory analyses (continued)

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	8.0	µg/L	GE

WELL EPT 64

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 10:05
pH: 6.7
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	45	µg/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	30	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	420	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	120	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	3.1	µg/L	GE

WELL EPT 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/21/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 10:05
pH: 5.6
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 23.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	31	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	120	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	13	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	710	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	110	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.1	µg/L	GE

WELL EPT 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 9:25
pH: 5.5
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	25	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	20	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	610	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	240	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.1	µg/L	GE

WELL EPT 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:45
pH: 5.5
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	3.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	670	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	140	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 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:55
pH: 5.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 11.7°C

LABORATORY ANALYSES

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

WELL EPT 68 collected on 02/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	12	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	<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	2,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	52	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 9:25
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	78	µg/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	13	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	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Silica	88,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	110	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.9	µg/L	GE

WELL EPT 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 10:25
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	7.8	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
1	Silica	28,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	140	µg/L	GE

WELL EPT 70 collected on 03/01/91, laboratory analyses (continued)

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	6.9	µg/L	GE

WELL EPT 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 5 µS/cm
Time: 9:45
pH: 5.0
Alkalinity ($CaCO_3$): 4 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	15	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
2	Silica	83,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	94	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	6.9	µg/L	GE

WELL EPT 72

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 12:55
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	66	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.5	µg/L	GE
0	Iron	52	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	7.2	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
2	Silica	82,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	92	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	9.1	µg/L	GE

WELL EPT 73

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 6 µS/cm
Time: 14:15
pH: 4.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 24.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	33	µg/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	12	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	<2.0	µg/L	GE
2	Silica	100,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	73	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	6.9	µg/L	GE

WELL EPT 74

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 10 µS/cm
Time: 12:25
pH: 4.3
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 23.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	56	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	8.2	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	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	120	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.8	µg/L	GE

WELL EPT 75

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 12:20
pH: 5.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	23	µg/L	GE
0	Aluminum	25	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE

WELL EPT 75 collected on 03/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	28	µg/L	GE
0	Calcium	38	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.1	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	64	µg/L	GE
0	Iron	65	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	8.1	µg/L	GE
0	Magnesium	8.8	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	21,000	µg/L	GE
1	Silica	21,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	80	µg/L	GE
0	Sodium	84	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	12	µg/L	GE
0	Zinc	12	µg/L	GE

WELL EPT 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/10/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 9:30
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 11.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	32	µg/L	GE
1	Antimony	3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	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	26	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	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	36	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

QUALITY CONTROL SAMPLES

WELL EPT 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 13:55
pH: 4.4
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	27	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	66	µg/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	28	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	8.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	19,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	150	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	4.6	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	6.4	µg/L	GE

WELL EPT 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 13:50
pH: 4.2
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 22.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	27	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	96	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.3	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	22	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	5.9	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	17,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	120	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	15	µg/L	GE

WELL EPT 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 11:20
pH: 5.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	25	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL EPT 79 collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	98	µg/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	18	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
1	Silica	38,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	120	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	5.4	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.9	µg/L	GE

WELL EPT 80

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 13:10
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	28	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	66	µg/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	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	7.5	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	24,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	110	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	3.2	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.8	µg/L	GE

WELL EPT 81

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 9:05
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 14.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	51	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	88	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	13	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	19,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	130	µg/L	GE

WELL EPT 81 collected on 03/14/91, laboratory analyses (continued)

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	8.8	µg/L	GE

WELL EPT 82

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 12:35
pH: 4.5
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	39	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	8.1	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	3.5	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	19	µg/L	GE
0	Manganese	2.2	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
1	Silica	32,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	250	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	5.1	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	10	µg/L	GE

WELL EPT 83

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 14:20
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 15.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	41	µg/L	GE
0	Aluminum	42	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	34	µg/L	GE
0	Calcium	35	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Iron	19	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	5.9	µg/L	GE
0	Magnesium	7.4	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL EPT 83 collected on 03/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
1	Silica	37,000	µg/L	GE
1	Silica	38,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	160	µg/L	GE
0	Sodium	150	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	4.4	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.9	µg/L	GE
0	Zinc	9.9	µg/L	GE

WELL EPT 84

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 15:20
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	48	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	86	µg/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	18	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	11	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	28,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	290	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	6.8	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	9.9	µg/L	GE

WELL EPT 85

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 6 µS/cm
Time: 14:35
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 14.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	47	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	120	µg/L	GE
0	Chromium	6.3	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	6.8	µg/L	GE
0	Iron	33	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	9.1	µg/L	GE
0	Manganese	3.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	30,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	260	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.9	µg/L	GE

QUALITY CONTROL SAMPLES

WELL EPT 86

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 9:35
pH: 4.5
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 14.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	28	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	84	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.5	µg/L	GE
0	Iron	24	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	19	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
1	Silica	31,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	300	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	8.0	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 87

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 6 µS/cm
Time: 10:15
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	40	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	120	µg/L	GE
0	Chromium	6.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.2	µg/L	GE
0	Iron	41	µg/L	GE
0	Lead	3.6	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	11	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	26,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	210	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	8.0	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 88

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/17/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 11:00
pH: 4.4
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 14.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	44	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL EPT 88 collected on 03/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	65	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.7	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	8.7	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	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	240	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	12	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: 03/18/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 8 µS/cm
Time: 15:40
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 25.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	26	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	84	µg/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	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	8.2	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	30,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	180	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.9	µg/L	GE

WELL EPT 90

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 10:35
pH: 4.5
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	26	µg/L	GE
0	Calcium	36	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
1	Iron	150	µg/L	GE
0	Iron	18	µg/L	GE

WELL EPT 90 collected on 03/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	<2.0	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	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	27,000	µg/L	GE
1	Silica	28,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	180	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	11	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.9	µg/L	GE
0	Zinc	5.4	µg/L	GE

WELL EPT 92

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/22/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 8:40
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 25.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	56	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	9.2	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	5.3	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	27,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	300	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	5.8	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	<2.0	µg/L	GE

WELL EPT101

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:00
pH: 5.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 10.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	22	µg/L	IT

WELL EPT101 collected on 01/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	22	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	12	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	3.2	µg/L	IT
0	Magnesium	2.3	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	494	µg/L	IT
0	Silica	589	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	2.8	µg/L	IT
0	Zinc	1.7	µg/L	IT

WELL EPT102

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:00
pH: 6.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 13.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	9.8	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.5	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	966	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	1.1	µg/L	IT

WELL EPT103

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 7 µS/cm
Time: 11:05
pH: 5.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 12.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT

WELL EPT103 collected on 01/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	11	µg/L	IT
0	Calcium	15	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	3.7	µg/L	IT
0	Magnesium	3.7	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	1,220	µg/L	IT
0	Silica	1,200	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	1.0	µg/L	IT
0	Zinc	1.4	µg/L	IT

WELL EPT104

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/03/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:55
pH: 5.5
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 14.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	30	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	3.9	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	54,600	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	23	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	3.8	µg/L	IT

WELL EPT105

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/03/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 12:05
pH: 5.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 10.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	29	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.6	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	21,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	1.8	µg/L	IT

WELL EPT106

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/07/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 9:40
pH: 5.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	8.7	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	1.7	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	18,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	23	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	<1.0	µg/L	IT

WELL EPT107

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/07/91 — Time: 10:55
Depth to water: Not available — pH: 4.4
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 3 µS/cm — Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	35	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	41	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	4.3	µg/L	IT
0	Iron	5.4	µg/L	IT
0	Lead	4.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	5.5	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	17,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	30	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	5.3	µg/L	IT

WELL EPT108

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 — Time: 9:40
Depth to water: Not available — pH: 5.5
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 10.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	83	µg/L	IT
0	Calcium	14	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	13	µg/L	IT
0	Iron	8.2	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	5.0	µg/L	IT
0	Magnesium	2.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	29,500	µg/L	IT
1	Silica	28,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	18	µg/L	IT
0	Sodium	21	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	3.8	µg/L	IT

WELL EPT108 collected on 01/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Zinc	1.3	µg/L	IT

WELL EPT109

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 — Time: 9:50
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 3 µS/cm — Water temperature: 12.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	25	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	9.4	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.5	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	44,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	2.3	µg/L	IT

WELL EPT110

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91 — Time: 9:10
Depth to water: Not available — pH: 5.2
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 3 µS/cm — Water temperature: 9.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	3.1	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	18,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	2.1	µg/L	IT

QUALITY CONTROL SAMPLES

WELL EPT111

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 8:35
pH: 5.4
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 15.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	20	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	1.3	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	38,600	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	1.6	µg/L	IT

WELL EPT112

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 12:45
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 9.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	28	µg/L	IT
0	Calcium	27	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	3.3	µg/L	IT
0	Magnesium	2.9	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	21,600	µg/L	IT
1	Silica	22,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	21	µg/L	IT
0	Sodium	18	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Uranium	<50	µg/L	IT

WELL EPT112 collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Vanadium	<0.50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	2.9	µg/L	IT
0	Zinc	2.2	µg/L	IT

WELL EPT113

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 10:30
pH: 5.1
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 15.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	11	µg/L	IT
0	Calcium	16	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.7	µg/L	IT
0	Magnesium	3.4	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	24,800	µg/L	IT
1	Silica	23,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sodium	12	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	2.5	µg/L	IT
0	Zinc	3.0	µg/L	IT

WELL EPT114

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 9:30
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 12.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	14	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.2	µg/L	IT

WELL EPT114 collected on 01/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	38,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	26	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT

WELL EPT115

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 — Time: 8:35
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 4 µS/cm — Water temperature: 15.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	23	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	40,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	42	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	3.1	µg/L	IT

WELL EPT116

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 — Time: 9:35
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 4 µS/cm — Water temperature: 16.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	22	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	30,300	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	2.4	µg/L	IT

WELL EPT117

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 — Time: 9:50
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 5 µS/cm — Water temperature: 23.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	45	µg/L	IT
0	Calcium	48	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	4.1	µg/L	IT
0	Magnesium	4.4	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	28,700	µg/L	IT
1	Silica	28,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	29	µg/L	IT
0	Sodium	30	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	2.1	µg/L	IT
0	Zinc	2.5	µg/L	IT

WELL EPT118

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 — Time: 8:45
Depth to water: Not available — pH: 5.2
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 4 µS/cm — Water temperature: 24.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	48	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	2.2	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.2	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	46,500	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	63	µg/L	IT
0	Thallium	<3.0	µg/L	IT

QUALITY CONTROL SAMPLES

WELL EPT118 collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	4.7	µg/L	IT

WELL EPT119

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 9 µS/cm
Time: 9:20
pH: 4.7
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 13.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	24	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	34,500	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	17	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT

WELL EPT120

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 10:05
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 13.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	33	µg/L	IT
0	Calcium	31	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	8.4	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.2	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	25,800	µg/L	IT
1	Silica	26,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT

WELL EPT120 collected on 01/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	<10	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	2.8	µg/L	IT
0	Zinc	2.8	µg/L	IT

WELL EPT121

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 9:15
pH: 4.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 10.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	20	µg/L	IT
0	Calcium	24	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	10	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	16,100	µg/L	IT
0	Silica	17,000	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT

WELL EPT122

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:00
pH: 5.6
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 7.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT

WELL EPT122 collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cadmium	<1.5	µg/L	IT
0	Calcium	22	µg/L	IT
0	Calcium	22	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	3.1	µg/L	IT
0	Magnesium	2.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	13	µg/L	IT
0	Sodium	14	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	5.0	µg/L	IT
0	Zinc	4.7	µg/L	IT

WELL EPT123

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/24/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 9:35
pH: 5.4
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 11.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	14	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT

WELL EPT124

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 3 µS/cm
Time: 8:40
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 10.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT

WELL EPT124 collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	17	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.5	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	31	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT

WELL EPT125

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 9:35
pH: 5.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	159	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	9.5	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	12	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	300	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	109	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	3.3	µg/L	IT

WELL EPT126

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:00
pH: 6.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 14.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	32	µg/L	IT
0	Calcium	26	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT

QUALITY CONTROL SAMPLES

WELL EPT126 collected on 02/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Iron	5.2	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.4	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	3.1	µg/L	IT
0	Zinc	2.2	µg/L	IT

WELL EPT127

MEASUREMENTS CONDUCTED IN THE FIELD

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

Time: 8:20
pH: 5.7
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	15	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.1	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	0.44	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	2.2	µg/L	IT

WELL EPT128

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm

Time: 12:50
pH: 5.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 25.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	72	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.4	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	0.84	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	3.5	µg/L	IT

WELL EPT129

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm

Time: 12:00
pH: 5.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	18	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	7.4	µg/L	IT
0	Lead	2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	7.1	µg/L	IT

WELL EPT130

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 12:20
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 22.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	14	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	14	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	5.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT

WELL EPT131

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:15
pH: 8.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	35	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	2.7	µg/L	IT

WELL EPT132

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 11:55
pH: 5.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	19	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.6	µg/L	IT
0	Magnesium	3.6	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	0.4	µg/L	IT
0	Zinc	3.6	µg/L	IT

WELL EPT133

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/10/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 11:10
pH: 6.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 15.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	30	µg/L	IT
0	Calcium	27	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	8.6	µg/L	IT
0	Iron	5.6	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	4.7	µg/L	IT
0	Magnesium	4.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	18	µg/L	IT
0	Sodium	33	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT

QUALITY CONTROL SAMPLES

WELL EPT133 collected on 02/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT

WELL EPT134

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:30
pH: 5.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 13.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	25	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	7.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	3.2	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	47	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	25	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	8.9	µg/L	IT

WELL EPT135

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:15
pH: 6.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 14.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	46	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	17	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	5.1	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	5.7	µg/L	IT

WELL EPT136

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 13:10
pH: 5.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	47	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.3	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	32	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	12	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT

WELL EPT137

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 10:35
pH: 5.6
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 13.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	47	µg/L	IT
0	Calcium	39	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	11	µg/L	IT
0	Iron	7.9	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	5.3	µg/L	IT
0	Magnesium	4.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	0.60	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	35	µg/L	IT
0	Sodium	32	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	4.2	µg/L	IT

WELL EPT137 collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Zinc	3.8	µg/L	IT

WELL EPT138

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91 Time: 9:35
Depth to water: Not available pH: 5.4
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 8.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	47	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	12	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	7.3	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	12	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	2.9	µg/L	IT

WELL EPT139

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 Time: 10:20
Depth to water: Not available pH: 5.7
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 3 µS/cm Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	39	µg/L	IT
0	Calcium	38	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	10	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	5.0	µg/L	IT
0	Magnesium	4.6	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silica	<21	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT

WELL EPT139 collected on 02/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Zinc	2.2	µg/L	IT

WELL EPT140

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 Time: 9:30
Depth to water: Not available pH: 6.2
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 2 µS/cm Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	51	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	11	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	11	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	27	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	23	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	2.8	µg/L	IT

WELL EPT141

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91 Time: 9:35
Depth to water: Not available pH: 5.7
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	52	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	7.1	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	10	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	48	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	17	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	3.0	µg/L	IT

QUALITY CONTROL SAMPLES

WELL EPT142

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 9:55
pH: 5.5
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	67	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	8.7	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	46	µg/L	IT
0	Calcium	577	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	7.3	µg/L	IT
0	Iron	14	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	5.1	µg/L	IT
0	Magnesium	64	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	8.5	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	22	µg/L	IT
0	Silica	6,310	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	13	µg/L	IT
0	Sodium	1,920	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	3.3	µg/L	IT
0	Zinc	5.8	µg/L	IT

WELL EPT143

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 1 µS/cm
Time: 10:40
pH: 5.7
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	12	µg/L	IT
0	Calcium	12	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT

WELL EPT143 collected on 02/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Magnesium	<2.0	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	130	µg/L	IT
0	Silica	130	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	12	µg/L	IT
0	Sodium	11	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT

WELL EPT144

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/24/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 4 µS/cm
Time: 11:45
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 14.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	13	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	352	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	15	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT

WELL EPT145

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 2 µS/cm
Time: 10:25
pH: 6.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 14.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	43	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	58	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	33	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT

WELL EPT145 collected on 02/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Magnesium	44	µg/L	IT
0	Manganese	2.5	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	16	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	4.2	µg/L	IT

WELL EPT146

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91 — Time: 9:55
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 4 µS/cm — Water temperature: 12.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	49	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	5.1	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	8.7	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	1,080	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	11	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT

WELL EPT147

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 — Time: 14:25
Depth to water: Not available — pH: 5.7
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 16.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	16	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.2	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	2,880	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	16	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT

WELL EPT148

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 — Time: 10:20
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 3 µS/cm — Water temperature: 11.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	48	µg/L	IT
0	Calcium	48	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.1	µg/L	IT
0	Magnesium	2.4	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	0.26	µg/L	IT
0	Mercury	0.21	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	3,370	µg/L	IT
0	Silica	3,330	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	2.1	µg/L	IT
0	Zinc	2.1	µg/L	IT

WELL EPT149

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 — Time: 9:25
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 4 µS/cm — Water temperature: 14.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	28	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	12	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	3.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
2	Silica	44,000	µg/L	IT
0	Silver	<1.5	µg/L	IT

WELL EPT148 collected on 03/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	27	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	2.8	µg/L	IT

WELL EPT150

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 — Time: 9:35
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 3 µS/cm — Water temperature: 12.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	25	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	<2.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	45,300	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT

WELL EPT151

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 — Time: 10:10
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 4 µS/cm — Water temperature: 11.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	98	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	4.4	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	13,000	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	<10	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	2.3	µg/L	IT

WELL EPT152

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91 — Time: 9:25
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 5 µS/cm — Water temperature: 14.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	23	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	11	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
2	Silica	46,400	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	21	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	2.0	µg/L	IT

WELL EPT153

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91 — Time: 9:40
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 5 µS/cm — Water temperature: 16.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	58	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	8.8	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	4.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
1	Silica	23,300	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	11	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	3.1	µg/L	IT

WELL EPT154

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91 — Time: 10:50
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 6 µS/cm — Water temperature: 16.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT

WELL EPT154 collected on 03/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cadmium	<1.5	µg/L	IT
0	Calcium	45	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	2.1	µg/L	IT
0	Iron	25	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	5.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	14,100	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	17	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	2.5	µg/L	IT

WELL EPT155

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91 — Time: 9:20
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 6 µS/cm — Water temperature: 14.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	28	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	15	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	4.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
1	Silica	20,700	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	14	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	3.1	µg/L	IT

WELL EPT156

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 — Time: 9:25
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 24.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	93	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	2.8	µg/L	IT
0	Iron	7.4	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	3.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
1	Silica	22,600	µg/L	IT
0	Silver	<1.5	µg/L	IT

WELL EPT156 collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	14	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	4.4	µg/L	IT

WELL EPT157

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 — Time: 9:25
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 26.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	18	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
2	Silica	61,100	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	32	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	2.1	µg/L	IT

WELL EPT158

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/91 — Time: 9:00
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	23	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	16	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	2.5	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
1	Silica	37,700	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	32	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	2.8	µg/L	IT

WELL EPT159

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 Time: 9:45
Depth to water: Not available pH: 4.3
Water elevation: Not available Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 8 µS/cm Water temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	58	µg/L	IT
0	Calcium	61	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	5.1	µg/L	IT
0	Magnesium	5.1	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	17,000	µg/L	IT
0	Silica	17,400	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	18	µg/L	IT
0	Sodium	19	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	3.1	µg/L	IT
0	Zinc	2.8	µg/L	IT

WELL EPT160

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91 Time: 10:15
Depth to water: Not available pH: 5.0
Water elevation: Not available Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 8 µS/cm Water temperature: 13.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	45	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	4.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	4.9	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	11,200	µg/L	IT

WELL EPT160 collected on 03/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silver	<1.5	µg/L	IT
0	Sodium	20	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	3.0	µg/L	IT

WELL EPT161

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91 Time: 10:15
Depth to water: Not available pH: 4.7
Water elevation: Not available Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 8 µS/cm Water temperature: 13.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	29	µg/L	IT
0	Calcium	34	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	2.7	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	3.1	µg/L	IT
0	Magnesium	3.5	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
1	Silica	28,500	µg/L	IT
1	Silica	28,900	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	24	µg/L	IT
0	Sodium	22	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	2.0	µg/L	IT
0	Zinc	2.4	µg/L	IT

WELL EPT162

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 8:10
Depth to water: Not available pH: 4.8
Water elevation: Not available Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 8 µS/cm Water temperature: 8.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	28	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT

WELL EPT162 collected on 03/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lithium	<20	µg/L	IT
0	Magnesium	3.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Selenium	<2.0	µg/L	IT
1	Silica	24,100	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	20	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	2.3	µg/L	IT

WELL EPT163

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 — Time: 9:15
Depth to water: Not available — pH: 4.4
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 14.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	41	µg/L	IT
0	Chromium	8.2	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	4.5	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	7.8	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	19,400	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	28	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	2.1	µg/L	IT

WELL EPT164

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 — Time: 11:45
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 15.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	19	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Iron	5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	4.2	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	0.34	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	20,600	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	17	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT

WELL EPT164 collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Zinc	2.4	µg/L	IT

WELL FB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 — Time: 10:05
Depth to water: Not available — pH: 5.0
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 10.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91 — Time: 9:55
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 24.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 — Time: 10:45
Depth to water: Not available — pH: 4.8
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 4 µS/cm — Water temperature: 22.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 — Time: 13:05
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 13.2°C

LABORATORY ANALYSES

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

QUALITY CONTROL SAMPLES

WELL FB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91 — Time: 9:45
Depth to water: Not available — pH: 5.5
Water elevation: Not available — Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 3 µS/cm — Water temperature: 15.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91 — Time: 8:45
Depth to water: Not available — pH: 8.7
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 2 µS/cm — Water temperature: 15.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91 — Time: 8:55
Depth to water: Not available — pH: 6.3
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 4 µS/cm — Water temperature: 17.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 — Time: 8:45
Depth to water: Not available — pH: 5.7
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 14.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 — Time: 9:25
Depth to water: Not available — pH: 5.1
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 1 µS/cm — Water temperature: 15.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 — Time: 9:35
Depth to water: Not available — pH: 4.3
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 8 µS/cm — Water temperature: 16.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<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 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 — Time: 9:20
Depth to water: Not available — pH: 4.7
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 16.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<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 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 — Time: 8:15
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 7 µS/cm — Water temperature: 17.5°C

LABORATORY ANALYSES

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

8. FLAGGING CRITERIA

The guidelines for flagging constituents were changed by EPD/EMS beginning first quarter 1991. The new flagging criteria in Table 36 were determined by the following rules.

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

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

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

If a constitutent 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 constituents are exceptions to the flagging rules but will still receive analyses by custodian request or during biennial comprehensive analyses:

- Aesthetic constituents such as odor, color, and surfactants will always be set at Flag 0 and will not trigger the scheduling mechanism.

- Some indicator constituents and major cations (specific conductance, pH, turbidity, total dissolved solids, silica, calcium, magnesium, sodium, and potassium) and common laboratory contaminants and cleaners (phthalates, methylene chloride, ketones, and toluene) will have flagging criteria but will not trigger the scheduling mechanism.

FLAGGING CRITERIA

Table 36. Flagging Criteria

Analyte	Unit	Flag 1	Flag 2	Source
Acenaphthene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Acenaphthylene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Acetone	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Acetonitrile (Methyl cyanide)	µg/L	345.31	690.6	Observed Avg. DL (WSRC, 1991)
Acetophenone	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
2-Acetylaminofluorene	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Acrolein	µg/L	375	750	Observed Avg. DL (WSRC, 1991)
Acrylonitrile	µg/L	48.4	96.9	Observed Avg. DL (WSRC, 1991)
Aldrin	µg/L	0.25	0.5	DPSOP 254 (WSRC, 1989)
Alkalinity (as $CaCO_3$)	µg/L	19,000	38,000	Observed Avg. DL (WSRC, 1991)
Allyl chloride	µg/L	345.3	690.6	Observed Avg. DL (WSRC, 1991)
Aluminum	µg/L	113.5	227.1	Observed Avg. DL (WSRC, 1991)
Americium-241	µCi/mL	2E-09	4E-09	Proposed DWS (EPA, 1986d)
Americium-243	µCi/mL	1.4E-09	2.8E-09	Observed Avg. DL (WSRC, 1991)
4-Aminobiphenyl	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Ammonia	µg/L	380.68	761.4	Observed Avg. DL (WSRC, 1991)
Ammonia nitrogen	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Aniline	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Anthracene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Antimony	µg/L	2.5	5	Proposed DWS (EPA, 1990b)
Antimony-125	µCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Aramite	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Arsenic	µg/L	25	50	Final DWS (EPA, 1990a)
Azobenzene	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Barium	µg/L	500	1,000	Final DWS (EPA, 1990a)
Barium-140	µCi/mL	4.5E-08	9E-08	Final DWS (EPA, 1977)
Benzene	µg/L	2.5	5	Final DWS (EPA, 1990a)
alpha-Benzene hexachloride	µg/L	0.25	0.5	DPSOP 254 (WSRC, 1989)
beta-Benzene hexachloride	µg/L	0.25	0.5	DPSOP 254 (WSRC, 1989)
delta-Benzene hexachloride	µg/L	0.25	0.5	DPSOP 254 (WSRC, 1989)
gamma-Benzene hexachloride (Lindane)	µg/L	2	4	Final DWS (EPA, 1990a)
Benzidine	µg/L	158.3	316.7	Observed Avg. DL (WSRC, 1991)
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	DPSOP 254 (WSRC, 1989)
Benzo[*g,h,i*]perylene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Benzo[*a*]pyrene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990b)
1,4-Benzoquinone	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Benzyl alcohol	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Beryllium	µg/L	0.5	1	Proposed DWS (EPA, 1990b)
Beryllium-7	µCi/mL	3E-06	6E-06	Final DWS (EPA, 1977)
Bis(2-chloroethoxy) methane	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Bis(2-chloroethyl) ether	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Bis(2-chloroisopropyl) ether	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Bis(chloromethyl)ether	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Bis(chloromethyl-ethyl)ether	µg/L	35.9	71.9	Observed Avg. DL (WSRC, 1991)
Bis(2-ethylhexyl) phthalate	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Bromide	µg/L	2,862.9	5,725.8	Observed Avg. DL (WSRC, 1991)
Bromodichloromethane	µg/L	50	100	Final DWS (EPA, 1990a)
Bromoform	µg/L	50	100	Final DWS (EPA, 1990a)
Bromomethane (Methyl bromide)	µg/L	50	100	DPSOP 254 (WSRC, 1989)
4-Bromophenyl phenyl ether	µg/L	50	100	DPSOP 254 (WSRC, 1989)

Table 36. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
2-sec-Butyl-4,6-dinitrophenol	µg/L	3.5	7	Proposed DWS (EPA, 1990b)
Butylbenzyl phthalate	µg/L	50	100	Proposed DWS (EPA, 1990b)
Cadmium	µg/L	5	10	Final DWS (EPA, 1990a)
Calcium	µg/L	15,000	30,000	ESH-EMS-900192 (WSRC, 1990)
Carbon disulfide	µg/L	25	50	DPSOP 254 (WSRC, 1989)
Carbon tetrachloride	µg/L	2.5	5	Final DWS (EPA, 1990a)
Carbon-14	µCi/mL	1E-06	2E-06	Final DWS (EPA, 1977)
Carbonate	µg/L	5,000	10,000	Observed Avg. DL (WSRC, 1991)
Cerium-141	µCi/mL	7.6E-08	1.52E-07	Observed Avg. DL (WSRC, 1991)
Cerium-144	µCi/mL	3.48E-07	6.96E-07	Observed Avg. DL (WSRC, 1991)
Cesium-134	µCi/mL	1E-05	2E-05	Final DWS (EPA, 1977)
Cesium-137	µCi/mL	1E-07	2E-07	Final DWS (EPA, 1977)
Chlordane	µg/L	1	2	Proposed DWS (EPA, 1989)
Chloride	µg/L	125,000	250,000	Secondary DWS (EPA, 1986a)
4-Chloroaniline	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Chlorobenzene	µg/L	25	50	DPSOP 254 (WSRC, 1989)
Chlorobenzilate	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Chloroethane	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Chloroethene (Vinyl chloride)	µg/L	1	2	Final DWS (EPA, 1990a)
Chloroethyl vinyl ether	µg/L	5	10	Observed Avg. DL (WSRC, 1991)
2-Chloroethyl vinyl ether	µg/L	107.359	214.717	Observed Avg. DL (WSRC, 1991)
Chloroform	µg/L	50	100	Final DWS (EPA, 1990a)
para-Chloro-meta-cresol	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Chloromethane (Methyl chloride)	µg/L	50	100	DPSOP 254 (WSRC, 1989)
4-Chloro-3-methylphenol	µg/L	50	100	DPSOP 254 (WSRC, 1989)
2-Chloronaphthalene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
2-Chlorophenol	µg/L	50	100	DPSOP 254 (WSRC, 1989)
4-Chlorophenyl phenyl ether	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Chloroprene	µg/L	18.75	37.5	Observed Avg. DL (WSRC, 1991)
Chromium	µg/L	25	50	Final DWS (EPA, 1990a)
Chromium-51	µCi/mL	3E-06	6E-06	Final DWS (EPA, 1977)
Chrysene	µg/L	0.1	0.2	Proposed DWS (EPA, 1990b)
Cobalt	µg/L	40.20	80.4	Observed Avg. DL (WSRC, 1991)
Cobalt-58	µCi/mL	4.5E-06	9E-06	Final DWS (EPA, 1977)
Cobalt-60	µCi/mL	5E-08	1E-07	Final DWS (EPA, 1977)
Color		7.5	15	Secondary DWS (EPA, 1986a)
Copper	µg/L	650	1,300	Proposed DWS (EPA, 1990b)
m-Cresol (3-Methylphenol)	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
o-Cresol (2-Methylphenol)	µg/L	50	100	DPSOP 254 (WSRC, 1989)
p-Cresol (4-Methylphenol)	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Curium-242	µCi/mL	1.22E-09	2.4E-09	Observed Avg. DL (WSRC, 1991)
Curium-243/244	µCi/mL	1.96E-09	3.9E-09	Observed Avg. DL (WSRC, 1991)
Curium-246	µCi/mL	1.8E-09	3.6E-09	Observed Avg. DL (WSRC, 1991)
Cyanide	µg/L	10	20	Proposed DWS (EPA, 1990b)
p,p'-DDD	µg/L	0.5	1	DPSOP 254 (WSRC, 1989)
p,p'-DDE	µg/L	0.5	1	DPSOP 254 (WSRC, 1989)
p,p'-DDT	µg/L	0.5	1	DPSOP 254 (WSRC, 1989)
Di-n-butyl phthalate	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Di-n-octyl phthalate	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Diallate	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Dibenz[*a,h*]anthracene	µg/L	0.15	0.3	Proposed DWS (EPA, 1990b)
Dibenzofuran	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Dibromochloromethane	µg/L	50	100	Final DWS (EPA, 1990a)
Dibromochloropropane	µg/L	0.1	0.2	Proposed DWS (EPA, 1989)

Table 36. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
1,2-Dibromo-3-chloropropane	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
1,2-Dibromoethane	µg/L	18.75	37.5	Observed Avg. DL (WSRC, 1991)
Dibromomethane (Methylene bromide)	µg/L	35.94	71.9	Observed Avg. DL (WSRC, 1991)
1,2-Dichlorobenzene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
1,3-Dichlorobenzene	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
1,4-Dichlorobenzene	µg/L	37.5	75	Final DWS (EPA, 1990a)
3,3'-Dichlorobenzidine	µg/L	100	200	DPSOP 254 (WSRC, 1989)
trans-1,4-Dichloro-2-butene	µg/L	35.9	71.9	Observed Avg. DL (WSRC, 1991)
Dichlorodifluoromethane	µg/L	18.8	37.5	Observed Avg. DL (WSRC, 1991)
1,1-Dichloroethane	µg/L	25	50	DPSOP 254 (WSRC, 1989)
1,2-Dichloroethane	µg/L	2.5	5	Final DWS (EPA, 1990a)
cis-1,2-Dichloroethene	µg/L	35	70	Proposed DWS (EPA, 1989)
trans-1,2-Dichloroethene	µg/L	50	100	Proposed DWS (EPA, 1989)
1,1-Dichloroethylene	µg/L	3.5	7	Final DWS (EPA, 1990a)
1,2-Dichloroethylene	µg/L	25	50	Observed Avg. DL (WSRC, 1991)
trans-1,2-Dichloroethylene	µg/L	50	100	Final DWS (EPA, 1991)
Dichloromethane (Methylene chloride)	µg/L	2.5	5	Proposed DWS (EPA, 1990b)
2,4-Dichlorophenol	µg/L	50	100	DPSOP 254 (WSRC, 1989)
2,6-Dichlorophenol	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
2,4-Dichlorophenoxyacetic acid	µg/L	50	100	Final DWS (EPA, 1990a)
1,2-Dichloropropane	µg/L	2.5	5	Proposed DWS (EPA, 1989)
cis-1,3-Dichloropropene	µg/L	25	50	DPSOP 254 (WSRC, 1989)
trans-1,3-Dichloropropene	µg/L	25	50	DPSOP 254 (WSRC, 1989)
Dieldrin	µg/L	0.5	1	DPSOP 254 (WSRC, 1989)
Diethyl phthalate	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Dimethoate	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
p-Dimethylaminoazobenzene	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
p-(Dimethylamino)ethylbenzene	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
7,12-Dimethylbenz[a]anthracene	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
3,3'-Dimethylbenzidine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
a,a-Dimethylphenethylamine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
2,4-Dimethyl phenol	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Dimethyl phthalate	µg/L	50	100	DPSOP 254 (WSRC, 1989)
1,3-Dinitrobenzene	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
4,6-Dinitro-ortho-cresol	µg/L	250	500	DPSOP 254 (WSRC, 1989)
2,4-Dinitrophenol	µg/L	250	500	DPSOP 254 (WSRC, 1989)
2,4-Dinitrotoluene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
2,6-Dinitrotoluene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
1,4-Dioxane	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Diphenylamine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
1,2-Diphenylhydrazine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Dissolved organic carbon	µg/L	5,000	10,000	Observed Avg. DL (WSRC, 1991)
Disulfoton	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
alpha-Endosulfan	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
beta-Endosulfan	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Endosulfan I	µg/L	0.25	0.5	DPSOP 254 (WSRC, 1989)
Endosulfan II	µg/L	0.5	1	DPSOP 254 (WSRC, 1989)
Endosulfan sulfate	µg/L	0.5	1	DPSOP 254 (WSRC, 1989)
Endrin	µg/L	0.1	0.2	Final DWS (EPA, 1990a)
Endrin aldehyde	µg/L	18.92	37.84	Observed Avg. DL (WSRC, 1991)
Endrin ketone	µg/L	0.5	1	DPSOP 254 (WSRC, 1989)
Ethyl methacrylate	µg/L	39.81	79.63	Observed Avg. DL (WSRC, 1991)
Ethyl methanesulfonate	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Ethylbenzene	µg/L	350	700	Proposed DWS (EPA, 1989)

Table 36. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
Famphur	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Fluoranthene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Fluorene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Fluoride	µg/L	2,000	4,000	Final DWS (EPA, 1990a)
Gross alpha	µCi/mL	7.5E-09	1.5E-08	Final DWS (EPA, 1990a)
Heptachlor	µg/L	0.2	0.4	Proposed DWS (EPA, 1989)
Heptachlor epoxide	µg/L	0.1	0.2	Proposed DWS (EPA, 1989)
Heptachlorodibenzo-p-dioxin isomers	µg/L	0.1	0.2	DPSOP 254 (WSRC, 1989)
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	µg/L	0.1	0.2	DPSOP 254 (WSRC, 1989)
Heptachlorodibenzo-p-furan isomers	µg/L	0.1	0.2	DPSOP 254 (WSRC, 1989)
1,2,3,4,6,7,8-Heptachlorodibenzo-p-furan	µg/L	0.1	0.2	DPSOP 254 (WSRC, 1989)
Hexachlorobenzene	µg/L	0.5	1	Proposed DWS (EPA, 1990b)
Hexachlorobutadiene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Hexachlorocyclopentadiene	µg/L	25	50	Proposed DWS (EPA, 1990b)
Hexachlorodibenzo-p-dioxin isomers	µg/L	0.01	0.02	DPSOP 254 (WSRC, 1989)
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	µg/L	0.01	0.02	DPSOP 254 (WSRC, 1989)
Hexachlorodibenzo-p-furan isomers	µg/L	0.01	0.02	DPSOP 254 (WSRC, 1989)
1,2,3,4,7,8-Hexachlorodibenzo-p-furan	µg/L	0.01	0.02	DPSOP 254 (WSRC, 1989)
Hexachloroethane	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Hexachlorophene	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Hexachloropropene	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
2-Hexanone	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Indeno[1,2,3-*c,d*]pyrene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Iodine	µg/L	479.59	959.18	Observed Avg. DL (WSRC, 1991)
Iodine-129	µCi/mL	5E-10	1E-09	Final DWS (EPA, 1977)
Iodine-131	µCi/mL	1.5E-09	3E-09	Final DWS (EPA, 1977)
Iodomethane (Methyl iodide)	µg/L	18.75	37.50	Observed Avg. DL (WSRC, 1991)
Iron	µg/L	150	300	Secondary DWS (EPA, 1986a)
Iron-55	µCi/mL	1E-06	2E-06	Final DWS (EPA, 1977)
Iron-59	µCi/mL	1E-07	2E-07	Final DWS (EPA, 1977)
Isobutyl alcohol	µg/L	5	10	Observed Avg. DL (WSRC, 1991)
Isodrin	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Isophorone	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Isosafrole	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Kepone	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Lanthanum-140	µCi/mL	1E-07	2E-07	Observed Avg. DL (WSRC, 1991)
Lead	µg/L	25	50	Final DWS (EPA, 1990a)
Lithium	µg/L	41.36	82.73	Observed Avg. DL (WSRC, 1991)
Magnesium	µg/L	3,500	7,000	ESH-EMS-900192 (WSRC, 1990)
Manganese	µg/L	25	50	Secondary DWS (EPA, 1986a)
Manganese-54	µCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Mercury	µg/L	1	2	Final DWS (EPA, 1990b)
Methacrylonitrile	µg/L	18.75	37.5	Observed Avg. DL (WSRC, 1991)
Methapyrilene	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Methoxychlor	µg/L	50	100	Final DWS (EPA, 1990b)
3-Methylcholanthrene	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
2-Methyl-4,6-dinitrophenol	µg/L	244.805	489.61	Observed Avg. DL (WSRC, 1991)
Methyl ethyl ketone	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Methyl isobutyl ketone	µg/L	5	10	Observed Avg. DL (WSRC, 1991)
Methyl methacrylate	µg/L	32.81	65.63	Observed Avg. DL (WSRC, 1991)
Methyl methanesulfonate	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
2-Methylnaphthalene	µg/L	50	100	DPSOP 254 (WSRC, 1989)

Table 36. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
4-Methyl-2-pentanone	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Molybdenum	µg/L	250	500	Observed Avg. DL (WSRC, 1991)
Naphthalene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
1,4-Naphthoquinone	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
1-Naphthylamine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
2-Naphthylamine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Neptunium-237	µCi/mL	4.27E-08	8.53E-08	Observed Avg. DL (WSRC, 1991)
Nickel	µg/L	50	100	Proposed DWS (EPA, 1990b)
Nickel-59	µCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Nickel-63	µCi/mL	2.5E-08	5E-08	Final DWS (EPA, 1977)
Niobium-95	µCi/mL	1.34E-07	2.67E-07	Observed Avg. DL (WSRC, 1991)
Nitrate as nitrogen	µg/L	5,000	10,000	Final DWS (EPA, 1990a)
Nitrite as nitrogen	µg/L	500	1,000	Proposed DWS (EPA, 1989)
2-Nitroaniline	µg/L	250	500	DPSOP 254 (WSRC, 1989)
3-Nitroaniline	µg/L	250	500	DPSOP 254 (WSRC, 1989)
4-Nitroaniline	µg/L	250	500	DPSOP 254 (WSRC, 1989)
Nitrobenzene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Nitrogen by Kjeldahl method	µg/L	500	1,000	DPSOP 254 (WSRC, 1989)
2-Nitrophenol	µg/L	50	100	DPSOP 254 (WSRC, 1989)
4-Nitrophenol	µg/L	250	500	DPSOP 254 (WSRC, 1989)
4-Nitroquinoline-1-oxide	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
N-Nitrosodi-n-butylamine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
N-Nitrosodiethylamine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
N-Nitrosodimethylamine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
N-Nitrosodiphenylamine	µg/L	50	100	DPSOP 254 (WSRC, 1989)
N-Nitrosodi-propylamine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
N-Nitrosomethylethylamine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
N-Nitrosomorpholine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
N-Nitrosopiperidine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
N-Nitrosopyrrolidine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
5-Nitro-o-toluidine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Nonvolatile beta	µCi/mL	2.5E-08	5E-08	Proposed DWS (EPA, 1986d)
Octachlorodibenzo-p-dioxin isomers	µg/L	1	2	DPSOP 254 (WSRC, 1989)
Octachlorodibenzo-p-furan isomers	µg/L	1	2	DPSOP 254 (WSRC, 1989)
Odor		1.5	3	Secondary DWS (EPA, 1986a)
Oil & Grease	µg/L	5,000	10,000	Observed Avg. DL (WSRC, 1991)
Parathion	µg/L	35.16	70.3	Observed Avg. DL (WSRC, 1991)
Parathion methyl	µg/L	35.16	70.3	Observed Avg. DL (WSRC, 1991)
PCB 1016	µg/L	0.25	0.5	Proposed DWS (EPA, 1989)
PCB 1221	µg/L	0.25	0.5	Proposed DWS (EPA, 1989)
PCB 1232	µg/L	0.25	0.5	Proposed DWS (EPA, 1989)
PCB 1242	µg/L	0.25	0.5	Proposed DWS (EPA, 1989)
PCB 1248	µg/L	0.25	0.5	Proposed DWS (EPA, 1989)
PCB 1254	µg/L	0.25	0.5	Proposed DWS (EPA, 1989)
PCB 1260	µg/L	0.25	0.5	Proposed DWS (EPA, 1989)
PCB 1262	µg/L	0.25	0.5	Proposed DWS (EPA, 1989)
Pentachlorobenzene	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Pentachlorodibenzo-p-dioxin isomers	µg/L	0.01	0.02	DPSOP 254 (WSRC, 1989)
1,2,3,7,8-Pentachlorodibenzo-p-dioxin	µg/L	0.1	0.2	DPSOP 254 (WSRC, 1989)
Pentachlorodibenzo-p-furan isomers	µg/L	0.01	0.02	DPSOP 254 (WSRC, 1989)
1,2,3,7,8-Pentachlorodibenzo-p-furan	µg/L	0.1	0.2	DPSOP 254 (WSRC, 1989)
Pentachloroethane	µg/L	39.81	79.6	Observed Avg. DL (WSRC, 1991)
Pentachloronitrobenzene	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Pentachlorophenol	µg/L	100	200	Proposed DWS (EPA, 1989)

Table 36. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
pH	pH	8	10	ESH-EMS-900192 (WSRC, 1990)
pH	pH	4	3	ESH-EMS-900192 (WSRC, 1990)
Phenacetin	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Phenanthrene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Phenols	µg/L	50	100	DPSOP 254 (WSRC, 1989)
p-Phenylenediamine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Phorate	µg/L	35.16	70.3	Observed Avg. DL (WSRC, 1991)
2-Picoline	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Plutonium-238	µCi/mL	1.36E-09	2.7E-09	Observed Avg. DL (WSRC, 1991)
Plutonium-239	µCi/mL	5E-09	1E-08	Observed Avg. DL (WSRC, 1991)
Plutonium-239/240	µCi/mL	7E-10	1.5E-09	Observed Avg. DL (WSRC, 1991)
Plutonium-240	µCi/mL	5E-09	1E-08	Observed Avg. DL (WSRC, 1991)
Plutonium-241	µCi/mL	4E-07	8E-07	Observed Avg. DL (WSRC, 1991)
Plutonium-242	µCi/mL	8.4E-10	1.7E-09	Observed Avg. DL (WSRC, 1991)
Potassium	µg/L	4,000	8,000	ESH-EMS-900192 (WSRC 1990)
Potassium-40	µCi/mL	1.5E-07	3E-07	Proposed DWS (EPA, 1986d)
Pronamid	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Propionitrile	µg/L	18.75	37.5	Observed Avg. DL (WSRC, 1991)
Pyrene	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Pyridine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Radium-226	µCi/mL	2E-09	4E-09	Proposed DWS (EPA, 1986d)
Radium-228	µCi/mL	4E-09	8E-09	Proposed DWS (EPA, 1986d)
Ruthenium-103	µCi/mL	1E-07	2E-07	Final DWS (EPA, 1977)
Ruthenium-106	µCi/mL	1.5E-08	3E-08	Final DWS (EPA, 1977)
Safrole	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Selenium	µg/L	5	10	Final DWS (EPA, 1990a)
Silica	µg/L	20,000	40,000	ESH-EMS-900192 (WSRC, 1990)
Silver	µg/L	25	50	Final DWS (EPA, 1990a)
Sodium	µg/L	25,000	50,000	ESH-EMS-900192 (WSRC, 1990)
Sodium-22	µCi/mL	2.57E-08	5.14E-08	Observed Avg. DL (WSRC, 1991)
Specific conductance	µS/cm	250	500	DPSOP 254 (WSRC, 1989)
Strontium-89	µCi/mL	1E-08	2E-08	Final DWS (EPA, 1977)
Strontium-90	µCi/mL	4E-09	8E-09	Final DWS (EPA, 1977)
Styrene	µg/L	2.5	5	Proposed DWS (EPA, 1989)
Sulfate	µg/L	200,000	400,000	Proposed DWS (EPA, 1990b)
Sulfide	µg/L	5,000	10,000	Observed Avg. DL (WSRC, 1991)
Sulfotepp	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Technetium-99	µCi/mL	4.5E-07	9E-07	Final DWS (EPA, 1977)
1,2,4,5-Tetrachlorobenzene	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Tetrachlorodibenzo-p-dioxin isomers	µg/L	0.01	0.02	DPSOP 254 (WSRC, 1989)
Tetrachlorodibenzo-p-furan isomers	µg/L	0.01	0.02	DPSOP 254 (WSRC, 1989)
1,1,1,2-Tetrachloroethane	µg/L	18.8	37.5	Observed Avg. DL (WSRC, 1991)
1,1,2,2-Tetrachloroethane	µg/L	25	50	DPSOP 254 (WSRC, 1989)
Tetrachloroethylene	µg/L	2.5	5	Proposed DWS (EPA, 1989)
2,3,4,6-Tetrachlorophenol	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Tetraethyl dithiopyrophosphate	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Thallium	µg/L	0.5	1	Proposed DWS (EPA, 1990b)
Thionazin	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Thorium-228	µCi/mL	3.02E-08	6.03E-08	Observed Avg. DL (WSRC, 1991)
Thorium-230	µCi/mL	9E-10	1.8E-09	Observed Avg. DL (WSRC, 1991)
Thorium-232	µCi/mL	5E-09	1E-08	Observed Avg. DL (WSRC, 1991)
Tin	µg/L	2,048.6	4,097.2	Observed Avg. DL (WSRC, 1991)
Tin-113	µCi/mL	2E-06	4E-06	Proposed DWS (EPA, 1986d)
Toluene	µg/L	1,000	2,000	Proposed DWS (EPA, 1989)

FLAGGING CRITERIA

Table 36. Flagging Criteria (cont.)

Analyte	Unit	Flag 1	Flag 2	Source
o-Toluidine	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Total carbon	µg/L	5,000	10,000	Observed Avg. DL (WSRC, 1991)
Total dissolved solids	µg/L	225,000	450,000	ESH-EMS-900192 (WSRC, 1990)
Total hydrocarbons	µg/L	5,000	10,000	Observed Avg. DL (WSRC, 1991)
Total inorganic carbon	µg/L	5,000	10,000	Observed Avg. DL (WSRC, 1991)
Total organic carbon	µg/L	5,000	10,000	DPSOP 254 (WSRC, 1989)
Total organic halogens	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Total organic nitrogen	µg/L	473.1	946.2	Observed Avg. DL (WSRC, 1991)
Total petroleum hydrocarbons	µg/L	8,266.7	16,533.3	Observed Avg. DL (WSRC, 1991)
Total phosphates (as P)	µg/L	226.5	453.1	Observed Avg. DL (WSRC, 1991)
Total phosphorus	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Total radium	µCi/mL	2.5E-09	5E-09	Final DWS (EPA, 1987a)
Total silica	µg/L	500	1,000	Observed Avg. DL (WSRC, 1991)
Toxaphene	µg/L	2.5	5	Final DWS (EPA, 1990a)
2,4,5-TP (Silvex)	µg/L	5	10	Final DWS (EPA, 1990a)
Tributyl phosphate	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
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	67.7	135.4	Observed Avg. DL (WSRC, 1991)
2,4,5-Trichlorophenol	µg/L	250	500	DPSOP 254 (WSRC, 1989)
2,4,6-Trichlorophenol	µg/L	50	100	DPSOP 254 (WSRC, 1989)
2,4,5-Trichlorophenoxyacetic acid	µg/L	1.022	2.044	Observed Avg. DL (WSRC, 1991)
1,2,3-Trichloropropane	µg/L	18.75	37.5	Observed Avg. DL (WSRC, 1991)
O,O,O-Triethyl phosphorothioate	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
1,3,5-Trinitrobenzene	µg/L	50	100	Observed Avg. DL (WSRC, 1991)
Tritium	µCi/mL	1E-05	2E-05	Final DWS (EPA, 1987a)
Turbidity	NTU	25	50	ESH-EMS-900192 (WSRC, 1990)
Uranium	µg/L	3,407.1	6,814.3	Observed Avg. DL (WSRC, 1991)
Uranium-234	µCi/mL	1.4E-08	2.8E-08	Proposed DWS (EPA, 1986d)
Uranium-235	µCi/mL	1.4E-08	2.8E-08	Proposed DWS (EPA, 1986d)
Uranium-238	µCi/mL	1.4E-08	2.8E-08	Proposed DWS (EPA, 1986d)
Vanadium	µg/L	51.910	103.819	Observed Avg. DL (WSRC, 1991)
Vinyl acetate	µg/L	50	100	DPSOP 254 (WSRC, 1989)
Xylenes	µg/L	5,000	10,000	DPSOP 254 (WSRC, 1989)
Zinc	µg/L	2,500	5,000	Secondary DWS (EPA, 1986a)
Zinc-65	µCi/mL	1.5E-07	3E-07	Final DWS (EPA, 1977)
Zirconium-95	µCi/mL	1E-07	2E-07	Final DWS (EPA, 1977)
Zirconium/Niobium-95	µCi/mL	4.93E-07	9.86E-07	Observed Avg. DL (WSRC, 1991)

9. ANALYTICAL RESULTS

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

The following codes may appear in the tabular data.

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

ANALYTICAL RESULTS

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/26/91
Depth to water: 142.66 ft (43.48 m) below TOC
Water elevation: 217.24 ft (66.22 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 116 gal

Time: 11:15
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	5.1	pH	IT
0	Specific conductance	9.0	µS/cm	GE
0	Specific conductance	18	µS/cm	IT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	IT
0	Acetone	<10	µg/L	GE
0	Acetone	<10	µg/L	IT
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	IT
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	IT
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	IT
0	Acrolein	<20	µg/L	GE
0	Acrolein	<100	µg/L	IT
0	Acrylonitrile	<20	µg/L	GE
0	Acrylonitrile	<5.0	µg/L	IT
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.050	µg/L	IT
0	Allyl chloride	<50	µg/L	GE
0	Allyl chloride	<100	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	IT
0	Aniline	<10	µg/L	GE
0	Aniline	<10	µg/L	IT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Aramite	<10	µg/L	GE
0	Aramite	<10	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	8.0	µg/L	GE
0	Barium	4.4	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.050	µg/L	IT
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	IT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	IT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	1,4-Benzoquinone	<10	µg/L	IT
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	IT
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<5.0	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT

WELL ABP 1A collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	790	µg/L	GE
0	Calcium	752	µg/L	IT
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
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	Chlordane	<1.0	µg/L	IT
0	Chloride	1,360	µg/L	GE
0	Chloride	1,420	µg/L	IT
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chlorobenzilate	<10	µg/L	GE
0	Chlorobenzilate	<10	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chloroprene	<200	µg/L	GE
0	Chloroprene	<5.0	µg/L	IT
1	Chromium	33	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	IT
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	IT
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	IT
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	IT
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<0.10	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Diallate	<10	µg/L	GE
0	Diallate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	IT
0	1,2-Dibromo-3-chloropropane	<50	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<10	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dibromoethane	<5.0	µg/L	IT
0	Dibromomethane (Methylene bromide)	<1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	IT
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<10	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichlorodifluoromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	1,2-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	IT

WELL ABP 1A collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.020	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.10	µg/L	IT
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	IT
0	Dimethoate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	IT
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	IT
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	IT
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	IT
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	IT
0	4,6-Dinitro-ortho-cresol	<50	µg/L	IT
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	IT
0	Diphenylamine	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	IT
0	Disulfoton	<10	µg/L	GE
0	Disulfoton	<10	µg/L	IT
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.050	µg/L	IT
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.10	µg/L	IT
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.10	µg/L	IT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.20	µg/L	IT
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methacrylate	<5.0	µg/L	IT
0	Ethyl methacrylate	<10	µg/L	IT
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Famphur	<10	µg/L	GE
0	Famphur	<10	µg/L	IT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.050	µg/L	IT
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	IT
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	<0.00099	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00084	µg/L	IT
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00081	µg/L	IT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	IT
0	Hexachlorophene	<50	µg/L	GE
0	Hexachlorophene	<10	µg/L	IT
0	Hexachloropropene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	IT
0	2-Hexanone	<20	µg/L	GE
0	2-Hexanone	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodomethane (Methyl iodide)	<15	µg/L	GE

WELL ABP 1A collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Iodomethane (Methyl iodide)	<5.0	µg/L	IT
0	Iron	13	µg/L	GE
0	Iron	19	µg/L	IT
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isodrin	<10	µg/L	IT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	IT
0	Isosafrole	<10	µg/L	GE
0	Isosafrole	<10	µg/L	IT
0	Kepone	<10	µg/L	GE
0	Kepone	<10	µg/L	IT
0	Lead	6.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Lithium	<5.0	µg/L	GE
0	Lithium	<20	µg/L	IT
0	Magnesium	290	µg/L	GE
0	Magnesium	288	µg/L	IT
0	Manganese	2.6	µg/L	GE
0	Manganese	2.7	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methacrylonitrile	<50	µg/L	GE
0	Methacrylonitrile	<5.0	µg/L	IT
0	Methapyrilene	<10	µg/L	GE
0	Methapyrilene	<10	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	IT
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methacrylate	<5.0	µg/L	IT
0	Methyl methanesulfonate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	IT
0	4-Methyl-2-pentanone	<1.0	µg/L	GE
0	4-Methyl-2-pentanone	<10	µg/L	IT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	IT
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	IT
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	IT
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	IT
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	IT
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	IT
0	1-Naphthylamine	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	IT
0	2-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	840	µg/L	GE
0	Nitrate as nitrogen	730	µg/L	IT
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	IT
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitroaniline	<50	µg/L	IT
0	3-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<50	µg/L	IT
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<50	µg/L	IT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	IT
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	IT
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0011	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0023	µg/L	IT
0	Parathion	<0.50	µg/L	GE
0	Parathion	<10	µg/L	IT
0	Parathion methyl	<0.50	µg/L	GE
0	Parathion methyl	<10	µg/L	IT
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	IT
0	PCB 1221	<0.50	µg/L	GE

ANALYTICAL RESULTS

WELL ABP 1A collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	PCB 1221	<0.50	µg/L	IT
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	IT
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	IT
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	IT
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1254	<1.0	µg/L	IT
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1260	<1.0	µg/L	IT
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	IT
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	<0.0048	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00084	µg/L	IT
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloroethane	<5.0	µg/L	IT
0	Pentachloroethane	<10	µg/L	IT
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	IT
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<50	µg/L	IT
0	Phenacetin	<10	µg/L	GE
0	Phenacetin	<10	µg/L	IT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	p-Phenylenediamine	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	IT
0	Phorate	<0.50	µg/L	GE
0	Phorate	<10	µg/L	IT
0	2-Picoline	<10	µg/L	GE
0	2-Picoline	<10	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Pronamid	<10	µg/L	GE
0	Pronamid	<10	µg/L	IT
0	Propionitrile	<200	µg/L	GE
0	Propionitrile	<5.0	µg/L	IT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	IT
0	Pyridine	<10	µg/L	GE
0	Pyridine	<10	µg/L	IT
0	Safrole	<10	µg/L	GE
0	Safrole	<10	µg/L	IT
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	6,000	µg/L	GE
0	Silica	5,620	µg/L	IT
0	Silver	3.1	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	939	µg/L	IT
0	Styrene	<1.0	µg/L	GE
0	Styrene	<5.0	µg/L	IT
0	Sulfate	1,260	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	IT
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.0021	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0019	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	IT
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	IT
0	Tetraethyl dithiopyrophosphate	<10	µg/L	IT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<3.0	µg/L	IT
0	Thionazin	<10	µg/L	IT
0	Tin	13	µg/L	GE
0	Tin	<100	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	o-Toluidine	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	IT
0	Total dissolved solids	40,000	µg/L	GE
0	Total dissolved solids	22,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE

WELL ABP 1A collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	23	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<1.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.50	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<10	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.020	µg/L	IT
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<5.0	µg/L	IT
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<1.0	µg/L	IT
0	Vinyl acetate	<1.0	µg/L	GE
0	Vinyl acetate	<5.0	µg/L	IT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	IT
0	Zinc	26	µg/L	GE
0	Zinc	8.7	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	2.1E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	IT

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/26/91 — Time: 11:15
Depth to water: 142.68 ft (43.48 m) below TOC — pH: 4.9
Water elevation: 217.24 ft (66.22 m) msl — Alkalinity ($CaCO_3$): 1 m
Sp. conductance: 15 µS/cm — Water temperature: 16
Water evacuated before sampling: 116 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.3	pH	GE
0	pH	5.1	pH	IT
0	pH	5.1	pH	IT
0	Specific conductance	9.0	µS/cm	GE
0	Specific conductance	9.0	µS/cm	GE
0	Specific conductance	14	µS/cm	IT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	IT
0	Acetone	<10	µg/L	GE
0	Acetone	<10	µg/L	GE
0	Acetone	<10	µg/L	IT
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	IT
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	IT
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	IT
0	Acrolein	<20	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrolein	<100	µg/L	IT
0	Acrylonitrile	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Acrylonitrile	<5.0	µg/L	IT
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.050	µg/L	IT
0	Allyl chloride	<50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Allyl chloride	<100	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	IT
0	Aniline	<10	µg/L	GE

WELL ABP 1A collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Aniline	<10	µg/L	GE
0	Aniline	<10	µg/L	IT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Aramite	<10	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Aramite	<10	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	4.3	µg/L	GE
0	Barium	4.2	µg/L	GE
0	Barium	4.2	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.050	µg/L	IT
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	IT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	IT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	1,4-Benzoquinone	<10	µg/L	IT
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	IT
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<5.0	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	570	µg/L	GE
0	Calcium	720	µg/L	GE
0	Calcium	719	µg/L	IT
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
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

WELL ABP 1A collected on 01/26/91, laboratory analyses (continued)

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	Chlordane	<0.50	µg/L	GE
0	Chlordane	<1.0	µg/L	IT
0	Chloride	1,330	µg/L	GE
0	Chloride	1,320	µg/L	GE
0	Chloride	1,310	µg/L	IT
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chlorobenzilate	<10	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chlorobenzilate	<10	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chloroprene	<200	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chloroprene	<5.0	µg/L	IT
0	Chromium	4.5	µg/L	GE
0	Chromium	4.2	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	IT
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	IT
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	IT
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	IT
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<0.10	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Diallate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Diallate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	IT
0	1,2-Dibromo-3-chloropropane	<50	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<10	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dibromoethane	<5.0	µg/L	IT

ANALYTICAL RESULTS

WELL ABP 1A collected on 01/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Dibromomethane (Methylene bromide)	<1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	<1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	IT
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<10	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichlorodifluoromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	1,2-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.020	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.10	µg/L	IT
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	IT
0	Dimethoate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	IT
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	IT
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	IT
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	IT
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	IT
0	4,6-Dintro-ortho-cresol	<50	µg/L	IT
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	IT
0	Diphenylamine	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	IT

WELL ABP 1A collected on 01/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Disulfoton	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Disulfoton	<10	µg/L	IT
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.050	µg/L	IT
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.10	µg/L	IT
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.10	µg/L	IT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.20	µg/L	IT
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methacrylate	<5.0	µg/L	IT
0	Ethyl methacrylate	<10	µg/L	IT
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Famphur	<10	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Famphur	<10	µg/L	IT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.050	µg/L	IT
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	Heptachlorodibenzo-p-dioxin isomers	<0.0011	µg/L	IT
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	Heptachlorodibenzo-p-furan isomers	<0.0011	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.0013	µg/L	IT
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.0013	µg/L	IT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	IT
0	Hexachlorophene	<50	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachlorophene	<10	µg/L	IT
0	Hexachloropropene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	IT
0	2-Hexanone	<20	µg/L	GE
0	2-Hexanone	<20	µg/L	GE
0	2-Hexanone	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iodomethane (Methyl iodide)	<5.0	µg/L	IT
0	Iron	16	µg/L	GE
0	Iron	35	µg/L	GE
0	Iron	17	µg/L	IT
0	Isobutyl alcohol	<100	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isodrin	<10	µg/L	IT

WELL ABP 1A collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	IT
0	Isosafrole	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Isosafrole	<10	µg/L	IT
0	Kepone	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Kepone	<10	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Lithium	<5.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Lithium	<20	µg/L	IT
0	Magnesium	230	µg/L	GE
0	Magnesium	270	µg/L	GE
0	Magnesium	257	µg/L	IT
0	Manganese	3.0	µg/L	GE
0	Manganese	3.0	µg/L	GE
0	Manganese	2.5	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methacrylonitrile	<50	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methacrylonitrile	<5.0	µg/L	IT
0	Methapyrilene	<10	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methapyrilene	<10	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	IT
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methacrylate	<5.0	µg/L	IT
0	Methyl methanesulfonate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	IT
0	4-Methyl-2-pentanone	<1.0	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	µg/L	GE
0	4-Methyl-2-pentanone	<10	µg/L	IT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	IT
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	IT
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	IT
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	IT
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	IT
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	IT
0	1-Naphthylamine	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	IT
0	2-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	850	µg/L	GE
0	Nitrate as nitrogen	860	µg/L	GE
0	Nitrate as nitrogen	700	µg/L	IT
0	Nitrate as nitrogen	700	µg/L	IT

WELL ABP 1A collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	IT
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitroaniline	<50	µg/L	IT
0	3-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<50	µg/L	IT
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<50	µg/L	IT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	IT
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	IT
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0039	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0015	µg/L	IT
0	Parathion	<0.50	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion	<10	µg/L	IT
0	Parathion methyl	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	Parathion methyl	<10	µg/L	IT
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	IT
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	IT
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	IT
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	IT
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	IT
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1254	<1.0	µg/L	IT
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1260	<1.0	µg/L	IT
0	PCB 1262	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	IT
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-dioxin isomers	<0.0024	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00085	µg/L	IT
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	Pentachloroethane	<10	µg/L	GE
0	Pentachloroethane	<5.0	µg/L	IT
0	Pentachloroethane	<10	µg/L	IT
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	IT
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<50	µg/L	IT
0	Phenacetin	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenacetin	<10	µg/L	IT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	p-Phenylenediamine	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	IT
0	Phorate	<0.50	µg/L	GE

ANALYTICAL RESULTS

WELL ABP 1A collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Phorate	<0.50	µg/L	GE
0	Phorate	<10	µg/L	IT
0	2-Picoline	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	2-Picoline	<10	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Pronamid	<10	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Pronamid	<10	µg/L	IT
0	Propionitrile	<200	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Propionitrile	<5.0	µg/L	IT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	IT
0	Pyridine	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Pyridine	<10	µg/L	IT
0	Safrole	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Safrole	<10	µg/L	IT
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	5,800	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silica	5,470	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	905	µg/L	IT
0	Styrene	<1.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Styrene	<5.0	µg/L	IT
0	Sulfate	4,960	µg/L	GE
0	Sulfate	3,200	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	IT
0	Sulfotepp	<10	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.0013	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0013	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	IT
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	IT
0	Tetraethyl dithiopyrophosphate	<10	µg/L	IT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<3.0	µg/L	IT
0	Thionazin	<10	µg/L	IT
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	o-Toluidine	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	IT
0	Total dissolved solids	49,000	µg/L	GE
0	Total dissolved solids	39,000	µg/L	GE
0	Total dissolved solids	23,000	µg/L	IT
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	IT
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	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	21	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<1.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.50	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT

WELL ABP 1A collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
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	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<10	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.020	µg/L	IT
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<5.0	µg/L	IT
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<1.0	µg/L	IT
0	Vinyl acetate	<1.0	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Vinyl acetate	<5.0	µg/L	IT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	IT
0	Zinc	13	µg/L	GE
0	Zinc	10	µg/L	GE
0	Zinc	3.1	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	5.8E-09 ± 3.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
1	Total radium	2.6E-09 ± 3.6E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 3.0E-10	µCi/mL	IT
0	Tritium	2.4E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	2.1E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	1.8E-06 ± 2.0E-07	µCi/mL	IT

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/26/91 — Time: 13:50
Depth to water: 156.44 ft (47.68 m) below TOC — pH: 5.0
Water elevation: 215.46 ft (65.67 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 17.6°C
Water evacuated before sampling: 90 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	9.0	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	45	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE

WELL ABP 2A collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	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	1,890	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE

WELL ABP 2A collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	Lithium	<5.0	µg/L	GE
0	Magnesium	210	µg/L	GE
0	Manganese	5.9	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	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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	500	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	<100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL ABP 2A collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sulfate	2,790	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	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	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	34	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)	<0.50	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	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	9.1	µg/L	GE
0	Gross alpha	2.3E-09 ± 1.8E-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	2.2E-06 ± 3.0E-07	µCi/mL	GE

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/26/91
Depth to water: 135.48 ft (41.29 m) below TOC
Water elevation: 218.24 ft (66.52 m) msl
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 30 gal

Time: 13:00
pH: 4.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	9.0	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	41	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	380	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

WELL ABP 3 collected on 01/26/91, laboratory analyses (continued)

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	1,320	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	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	4.3	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	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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

WELL ABP 3 collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Lithium	<5.0	µg/L	GE
0	Magnesium	230	µg/L	GE
0	Manganese	7.9	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	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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	470	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	2,830	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	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE

WELL ABP 3 collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	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	8.0	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	5.7	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	2.2E-08 ± 3.0E-07	µCi/mL	GE

WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/26/91 Time: 12:40
Depth to water: 161.85 ft (49.33 m) below TOC pH: 6.1
Water elevation: 192.65 ft (58.72 m) msl Alkalinity ($CaCO_3$): 14 mg/L
Sp. conductance: 74 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 85 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	42	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,600	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	2,590	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	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

ANALYTICAL RESULTS

WELL ABP 3C collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	Lithium	<5.0	µg/L	GE
0	Magnesium	610	µg/L	GE
1	Manganese	38	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE

WELL ABP 3C collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-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	3,330	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	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	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	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	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	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	66,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	69	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	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	40	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	6.2	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 2.6E-09	µCi/mL	GE

WELL ABP 3C collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.0E-07 ± 2.0E-07	µCi/mL	GE

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/26/91 Time: 14:25
Depth to water: 149.44 ft (45.55 m) below TOC pH: 5.0
Water elevation: 214.86 ft (65.49 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 23 µS/cm Water temperature: 18.0°C
Water evacuated before sampling: 85 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	960	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	1,670	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	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	<50	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

WELL ABP 4 collected on 01/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	16	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	Lithium	6.3	µg/L	GE
0	Magnesium	420	µg/L	GE
0	Manganese	5.4	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	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<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

ANALYTICAL RESULTS

WELL ABP 4 collected on 01/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	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	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
1	Tetrachloroethylene	4.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	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	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	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	8.0	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	2.3E-06 ± 3.0E-07	µCi/mL	GE

WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/27/91 Time: 10:00
Depth to water: 178.44 ft (54.39 m) below TOC pH: 12.8
Water elevation: 193.66 ft (59.03 m) msl Alkalinity ($CaCO_3$): 552 mg/L
Sp. conductance: 1668 µS/cm Water temperature: 12.0°C
Water evacuated before sampling: 2 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	880	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
2	Antimony	11	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	370	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	27	µg/L	GE
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
2	Calcium	79,000	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	3,270	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	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	17	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	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	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE

WELL ABP 8A collected on 01/27/91, laboratory analyses (continued)

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	< 0.50	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 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	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0.50	µg/L	GE
0	Endosulfan II	< 0.50	µg/L	GE
0	Endosulfan sulfate	< 0.50	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	160	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachlorophene	< 50	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	2-Hexanone	< 20	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	5.0	µg/L	GE
2	Lithium	150	µg/L	GE
0	Magnesium	14	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methyl ethyl ketone	< 10	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	4-Methyl-2-pentanone	< 1.0	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	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	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	PCB 1262	< 0.50	µg/L	GE

WELL ABP 8C collected on 01/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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
1	Phenols	60	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
2	Potassium	38,000	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	2-sec-Butyl-4,6-dinitrophenol	< 50	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	Styrene	< 1.0	µg/L	GE
0	Sulfate	17,900	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	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	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
1	Total dissolved solids	342,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.2	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.50	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	2.0	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	< 0.50	µg/L	GE
0	1,2,3-Trichloropropane	< 1.0	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	18	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	9.9	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
1	Nonvolatile beta	3.7E-08 ± 6.2E-09	µCi/mL	GE
0	Total radium	2.3E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	3.3E-06 ± 3.0E-07	µCi/mL	GE

WELL ABP 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91 Time: 13:25
Depth to water: 154.86 ft (47.20 m) below TOC
Water elevation: 216.04 ft (65.85 m) msl
The well pumped dry before all field parameters were collected

WELL ABW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91 Time: 14:35
Depth to water: 102.80 ft (31.27 m) below TOC pH: 4.7
Water elevation: 222.20 ft (67.73 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 23 µS/cm Water temperature: 16.5°C
Water evacuated before sampling: 97 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	pH	5.0	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Barium	3.7	µg/L	GE
0	Lindane	< 0.010	µg/L	GE
0	Lindane	< 0.010	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	400	µg/L	GE

ANALYTICAL RESULTS

WELL ABW 1 collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	290	µg/L	GE
0	Chloride	3,400	µg/L	GE
0	Chloride	3,390	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	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	44	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	500	µg/L	GE
0	Magnesium	380	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	Nitrate as nitrogen	730	µg/L	GE
0	Nitrate as nitrogen	730	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,700	µg/L	GE
0	Silica	7,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	3,160	µg/L	GE
0	Sulfate	4,290	µg/L	GE
0	Tetrachloroethylene	1.3	µg/L	MA
0	Total dissolved solids	3,000	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 phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	1.5	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	2.1E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.7E-08 ± 3.0E-07	µCi/mL	GE
0	Tritium	1.1E-08 ± 2.0E-07	µCi/mL	GE

WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/06/91 — Time: 14:25
Depth to water: 51.52 ft (15.70 m) below TOC — pH: 5.4
Water elevation: 210.58 ft (64.19 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 17.9°C
Water evacuated before sampling: 183 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Chloride	2,460	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	270	µg/L	GE

WELL AC 1A collected on 01/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Manganese	5.0	µg/L	GE
0	Mercury	0.49	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	9,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	20	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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 AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/06/91 — Time: 14:40
Depth to water: Not available — pH: 5.5
Water elevation: Not available — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 17.6°C
Water evacuated before sampling: 36 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	8.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	880	µg/L	GE
0	Chloride	2,730	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	470	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	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	8,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	5.7E-06 ± 1.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	9.7E-07 ± 2.0E-07	µCi/mL	GE

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/06/91 Time: 13:25
Depth to water: 126.83 ft (38.66 m) below TOC pH: 5.9
Water elevation: 217.87 ft (66.41 m) msl Alkalinity ($CaCO_3$): 9 mg/L
Sp. conductance: 30 µS/cm Water temperature: 17.7°C
Water evacuated before sampling: 202 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,300	µg/L	GE
0	Chloride	1,830	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	10	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	290	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	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	7,900	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	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	9.4E-07 ± 9.5E-07	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/06/91 Time: 13:45
Depth to water: Not available pH: 5.3
Water elevation: Not available Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 18 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	930	µg/L	GE
0	Chloride	2,280	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	18	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	410	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	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	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE

WELL AC 2B collected on 01/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
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	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	2.7E-09 ± 1.2E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/06/91 Time: 15:40
Depth to water: 96.87 ft (29.47 m) below TOC pH: 6.1
Water elevation: 205.83 ft (62.68 m) msl Alkalinity ($CaCO_3$): 15 mg/L
Sp. conductance: 45 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 150 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,700	µg/L	GE
0	Chloride	2,430	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	17	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	290	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	160	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,900	µg/L	GE
0	Sulfate	1,180	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.3E-09 ± 2.3E-09	µCi/mL	GE
0	Total activity	1.5E-06 ± 9.6E-07	µCi/mL	EM
1	Total radium	4.3E-09 ± 1.3E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/06/91 Time: 15:55
Depth to water: 94.96 ft (28.94 m) below TOC pH: 9.7
Water elevation: 207.54 ft (63.26 m) msl Alkalinity ($CaCO_3$): 34 mg/L
Sp. conductance: 82 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 160 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.3	pH	GE
0	Specific conductance	72	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	13,000	µg/L	GE
0	Chloride	2,530	µg/L	GE
0	Chloroform	<1.0	µg/L	MA

ANALYTICAL RESULTS

WELL AC 3B collected on 01/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	9.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	320	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	810	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	16,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	110	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	4.2E-06 ± 1.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.0E-06 ± 2.0E-07	µCi/mL	GE

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/11/91 — Time: 12:10
Depth to water: 124.14 ft (37.84 m) below TOC — pH: 5.9
Water elevation: 235.48 ft (71.77 m) msl — Alkalinity ($CaCO_3$): 14 mg/L
Sp. conductance: 50 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	pH	6.1	pH	GE
0	Specific conductance	42	µS/cm	GE
0	Specific conductance	42	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	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	800	µg/L	GE
0	Calcium	810	µg/L	GE
0	Chloride	3,000	µg/L	GE
0	Chloride	2,800	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	4.4	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	140	µg/L	GE
1	Iron	160	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	480	µg/L	GE
0	Magnesium	480	µg/L	GE
0	Manganese	5.6	µg/L	GE
0	Manganese	4.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	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	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	5,500	µg/L	GE
0	Silica	5,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,600	µg/L	GE

WELL ACB 1A collected on 01/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	8,500	µg/L	GE
0	Sulfate	4,780	µg/L	GE
0	Sulfate	3,550	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 carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 3.5E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/11/91 — Time: 13:25
Depth to water: 113.98 ft (34.74 m) below TOC — pH: 5.4
Water elevation: 235.82 ft (71.88 m) msl — Alkalinity ($CaCO_3$): 6 mg/L
Sp. conductance: 45 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 74 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	150	µg/L	GE
0	Chloride	2,990	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	15	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	60	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	9.0	µg/L	GE
0	Potassium	<500	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	7,800	µg/L	GE
0	Sulfate	8,080	µg/L	GE
0	Total dissolved solids	11,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	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	1.6E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 — Time: 14:35
Depth to water: 112.87 ft (34.40 m) below TOC — pH: 5.1
Water elevation: 235.43 ft (71.76 m) msl — Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 168 µS/cm — Water temperature: 17.2°C
Water evacuated before sampling: 76 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	Specific conductance	145	µS/cm	GE
0	Specific conductance	145	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	35	µg/L	GE

WELL ACB 3A collected on 01/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Barium	36	µg/L	GE
0	Lindane	0.021	µg/L	GE
0	Lindane	0.020	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11,000	µg/L	GE
0	Calcium	11,000	µg/L	GE
0	Chloride	1,730	µg/L	GE
0	Chloride	1,870	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	80	µg/L	GE
0	Iron	73	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	3.0	µg/L	GE
2	Magnesium	7,200	µg/L	GE
2	Magnesium	7,300	µg/L	GE
2	Manganese	75	µg/L	GE
2	Manganese	76	µg/L	GE
0	Mercury	0.59	µg/L	GE
0	Mercury	0.59	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	970	µg/L	GE
0	Nitrate as nitrogen	980	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silica	8,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,900	µg/L	GE
0	Sodium	4,900	µg/L	GE
0	Sulfate	62,200	µg/L	GE
0	Sulfate	61,800	µg/L	GE
0	Total dissolved solids	111,000	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	37	µg/L	GE
0	Total organic halogens	45	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
1	Gross alpha	8.5E-09±4.4E-09	µCi/mL	GE
1	Gross alpha	1.2E-08±4.1E-09	µCi/mL	GE
0	Nonvolatile beta	9.5E-09±4.4E-09	µCi/mL	GE
0	Nonvolatile beta	9.0E-09±4.4E-09	µCi/mL	GE
2	Total radium	1.2E-08±5.5E-09	µCi/mL	GE
2	Total radium	1.3E-08±5.7E-09	µCi/mL	GE
0	Tritium	2.2E-06±3.0E-07	µCi/mL	GE
0	Tritium	2.3E-06±3.0E-07	µCi/mL	GE

WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 10:55
Depth to water: 123.15 ft (37.54 m) below TOC pH: 5.3
Water elevation: 235.95 ft (71.92 m) msl Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 256 µS/cm Water temperature: 17.0°C
Water evacuated before sampling: 64 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
1	Specific conductance	259	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	19,000	µg/L	GE
0	Chloride	2,560	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	8.0	µg/L	GE
2	Magnesium	14,000	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	0.59	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL ACB 4A collected on 01/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,150	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	3.0	µg/L	GE
0	Silica	9,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
1	Sulfate	252,000	µg/L	GE
0	Total dissolved solids	198,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
2	Gross alpha	2.4E-08±2.9E-09	µCi/mL	GE
0	Nonvolatile beta	1.9E-08±2.5E-09	µCi/mL	GE
2	Total radium	3.8E-08±4.8E-09	µCi/mL	GE
0	Tritium	2.7E-06±3.0E-07	µCi/mL	GE

WELL AMB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91 Time: 11:55
Depth to water: 150.30 ft (45.81 m) below TOC pH: 5.5
Water elevation: 230.10 ft (70.14 m) msl Alkalinity ($CaCO_3$): 7 mg/L
Sp. conductance: 49 µS/cm Water temperature: 16.5°C
Water evacuated before sampling: 3 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	41	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,000	µg/L	GE
0	Carbon tetrachloride	2.0	µg/L	GE
0	Chloride	2,900	µg/L	GE
0	Chloroform	1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	96	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	510	µg/L	GE
0	Manganese	23	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	<4.0	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	7,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,400	µg/L	GE
0	Sulfate	1,680	µg/L	GE
2	Tetrachloroethylene	6.0	µg/L	GE
0	Total dissolved solids	46,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	147	µg/L	GE
2	Total organic halogens	172	µg/L	GE
2	Total organic halogens	191	µg/L	GE
2	Total organic halogens	200	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	1.0	µg/L	GE
2	Trichloroethylene	170	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	1.4E-09±2.6E-09	µCi/mL	GE
0	Tritium	7.2E-07±2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91 — Time: 12:30
Depth to water: 144.05 ft (43.91 m) below TOC — pH: 4.7
Water elevation: 235.55 ft (71.80 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 41 µS/cm — Water temperature: 17.3°C
Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	5.1	pH	GE
0	pH	5.2	pH	GE
0	pH	5.2	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Specific conductance	32	µS/cm	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	35	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	410	µg/L	GE
0	Carbon tetrachloride	2.0	µg/L	GE
0	Chloride	4,040	µg/L	GE
0	Chloroform	2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	890	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	0.33	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,070	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,900	µg/L	GE
0	Sulfate	2,910	µg/L	GE
2	Tetrachloroethylene	7.0	µg/L	GE
0	Total dissolved solids	54,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	109	µg/L	GE
2	Total organic halogens	126	µg/L	GE
2	Total organic halogens	130	µg/L	GE
2	Total organic halogens	149	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	1.0	µg/L	GE
2	Trichloroethylene	235	µg/L	GE
0	Gross alpha	4.6E-09 ± 2.3E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Total radium	8.9E-09 ± 4.0E-09	µCi/mL	GE
0	Tritium	9.8E-07 ± 2.0E-07	µCi/mL	GE

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91 — Time: 12:55
Depth to water: 145.84 ft (44.39 m) below TOC — pH: 5.3
Water elevation: 231.56 ft (70.58 m) msl — Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 42 µS/cm — Water temperature: 17.6°C
Water evacuated before sampling: 23 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	pH	5.9	pH	GE
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	pH	5.9	pH	GE
0	pH	6.0	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	36	µS/cm	GE
0	Specific conductance	38	µS/cm	GE
0	Specific conductance	33	µS/cm	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	38	µS/cm	GE

WELL AMB 6 collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,400	µg/L	GE
0	Chloride	3,410	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	72	µg/L	GE
0	Iron	87	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	110	µg/L	GE
0	Magnesium	110	µg/L	GE
0	Manganese	4.8	µg/L	GE
0	Manganese	4.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	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	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	7,200	µg/L	GE
0	Silica	7,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,200	µg/L	GE
0	Sodium	8,000	µg/L	GE
0	Sulfate	4,820	µg/L	GE
0	Sulfate	4,390	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	45,000	µg/L	GE
0	Total dissolved solids	56,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total 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)	110	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
2	Trichloroethylene	11	µg/L	GE
2	Trichloroethylene	10	µg/L	GE
0	Gross alpha	2.1E-09 ± 2.1E-09	µCi/mL	GE
0	Gross alpha	2.1E-09 ± 2.1E-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	1.5E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91 Time: 11:35
Depth to water: 139.33 ft (42.47 m) below TOC pH: 6.6
Water elevation: 230.57 ft (70.28 m) msl Alkalinity ($CaCO_3$): 77 mg/L
Sp. conductance: 168 µS/cm Water temperature: 16.6°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	pH	6.7	pH	GE
0	pH	6.7	pH	GE
0	pH	6.7	pH	GE
0	Specific conductance	100	µS/cm	GE
0	Specific conductance	110	µS/cm	GE
0	Specific conductance	120	µS/cm	GE
0	Specific conductance	122	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Banum	18	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,450	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	820	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	6.2	µg/L	GE
0	Nitrate as nitrogen	50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	34,000	µg/L	GE
0	Sulfate	3,910	µg/L	GE
0	Tetrachloroethylene	<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 carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	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	2.0	µg/L	GE
1	Trichloroethylene	3.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.8E-09±3.6E-09	µCi/mL	GE
0	Total radium	1.2E-09±4.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AMB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91 Time: 15:10
Depth to water: 138.16 ft (42.11 m) below TOC pH: 5.4
Water elevation: 231.44 ft (70.54 m) msl Alkalinity ($CaCO_3$): 6 mg/L
Sp. conductance: 34 µS/cm Water temperature: 17.2°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	630	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
	Chloride	3,550	µg/L	GE
	Chloroform	<1.0	µg/L	GE

WELL AMB 8D collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	81	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	180	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	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	6,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,500	µg/L	GE
0	Sulfate	3,830	µg/L	GE
0	Tetrachloroethylene	<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 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	6.0	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AMB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91 Time: 14:45
Depth to water: 136.35 ft (41.56 m) below TOC pH: 5.4
Water elevation: 231.55 ft (70.58 m) msl Alkalinity ($CaCO_3$): 11 mg/L
Sp. conductance: 42 µS/cm Water temperature: 16.9°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	36	µS/cm	GE
0	Specific conductance	36	µS/cm	GE
0	Specific conductance	38	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	450	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,870	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	85	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	140	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	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	6,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,600	µg/L	GE
0	Sulfate	3,570	µg/L	GE
0	Tetrachloroethylene	<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 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	6.0	µg/L	GE
0	Total organic halogens	10	µg/L	GE

ANALYTICAL RESULTS

WELL AMB 9D collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/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	2.1E-09±2.8E-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 AMB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91
Depth to water: 133.82 ft (40.79 m) below TOC
Water elevation: 231.68 ft (70.62 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 35 gal
Time: 14:00
pH: 5.6
Alkalinity ($CaCO_3$): 13 mg/L
Water temperature: 16.3°C

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	42	µS/cm	GE
0	Specific conductance	42	µS/cm	GE
0	Specific conductance	42	µS/cm	GE
0	Specific conductance	44	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.4	µg/L	GE
0	Lindane	<0.0050	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	2,960	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	160	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	90	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	780	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,100	µg/L	GE
0	Sulfate	6,410	µg/L	GE
0	Tetrachloroethylene	<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
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AMB 10DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91
Depth to water: 6.18 ft (1.88 m) below TOC
Water elevation: 359.22 ft (109.49 m) msl
Sp. conductance: 124 µS/cm
Water evacuated before sampling: 54 gal
Time: 14:20
pH: 6.4
Alkalinity ($CaCO_3$): 58 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	pH	6.6	pH	GE
0	pH	6.6	pH	GE
0	pH	6.6	pH	GE
0	Specific conductance	98	µS/cm	GE
0	Specific conductance	100	µS/cm	GE
0	Specific conductance	100	µS/cm	GE
0	Specific conductance	101	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,450	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	5,500	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	360	µg/L	GE
2	Manganese	210	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	4,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<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 carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AMB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91
Depth to water: 130.75 ft (39.85 m) below TOC
Water elevation: 233.25 ft (71.10 m) msl
Sp. conductance: 94 µS/cm
Water evacuated before sampling: 68 gal
Time: 16:20
pH: 6.7
Alkalinity ($CaCO_3$): 35 mg/L
Water temperature: 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	pH	6.7	pH	GE
0	pH	6.8	pH	GE
0	pH	6.8	pH	GE
0	Specific conductance	65	µS/cm	GE
0	Specific conductance	66	µS/cm	GE
0	Specific conductance	75	µS/cm	GE
0	Specific conductance	75	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,710	µg/L	GE
0	Chloroform	<1.0	µg/L	GE

WELL AMB 11D collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	7.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	54	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	70	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,400	µg/L	GE
0	Sulfate	3,820	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	71,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91
Depth to water: 137.74 ft (41.98 m) below TOC
Water elevation: 232.06 ft (70.73 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 48 gal
Time: 15:35
pH: 6.0
Alkalinity ($CaCO_3$): 15 mg/L
Water temperature: 17.4°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	pH	6.6	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Specific conductance	39	µS/cm	GE
0	Specific conductance	39	µS/cm	GE
0	Specific conductance	50	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.6	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	14,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,540	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	280	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	870	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,800	µg/L	GE
0	Sulfate	1,080	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	80,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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

WELL AMB 12D collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/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	3.4E-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

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91
Depth to water: 107.71 ft (32.83 m) below TOC
Water elevation: 233.39 ft (71.14 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 39 gal
Time: 10:35
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.3	pH	GE
0	pH	5.3	pH	IT
0	pH	5.3	pH	IT
0	Specific conductance	31	µS/cm	GE
0	Specific conductance	31	µS/cm	GE
0	Specific conductance	37	µS/cm	IT
0	Specific conductance	37	µS/cm	IT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	IT
0	Aldrin	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	10	µg/L	GE
0	Barium	9.5	µg/L	GE
0	Barium	8.8	µg/L	IT
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE

ANALYTICAL RESULTS

WELL AOB 1 collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	IT
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	IT
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 1.5	µg/L	IT
0	Calcium	1,400	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Calcium	1,180	µg/L	IT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 5.0	µg/L	IT
0	Chlordane	< 10	µg/L	GE
0	Chlordane	< 10	µg/L	GE
0	Chloride	5,130	µg/L	GE
0	Chloride	5,030	µg/L	GE
0	Chloride	5,290	µg/L	IT
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	para-Chloro-meta-cresol	< 10	µg/L	GE
0	4-Chloro-3-methylphenol	< 10	µg/L	IT
0	4-Chloroaniline	< 10	µg/L	IT
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	2-Chloroethyl vinyl ether	< 10	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	IT
0	Chloroform	< 5.0	µg/L	MA
0	Chloroform	< 10	µg/L	MA
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	GE
0	2-Chloronaphthalene	< 10	µg/L	IT
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	GE
0	2-Chlorophenol	< 10	µg/L	IT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	GE
0	4-Chlorophenyl phenyl ether	< 10	µg/L	IT
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 2.5	µg/L	IT
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	GE
0	Chrysene	< 10	µg/L	IT
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDD	< 10	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDE	< 10	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE
0	p,p'-DDT	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	IT
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	IT
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	IT
0	Dibenzofuran	< 10	µg/L	IT
0	1,2-Dichlorobenzene	< 10	µg/L	IT
0	1,3-Dichlorobenzene	< 10	µg/L	IT
0	1,4-Dichlorobenzene	< 10	µg/L	IT
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 20	µg/L	IT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	1,1-Dichloroethylene	< 10	µg/L	MA
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Dieldrin	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	IT
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	IT
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	IT
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	IT
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	IT
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	IT
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	1,2-Diphenylhydrazine	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE
0	Endosulfan sulfate	< 10	µg/L	GE

WELL AOB 1 collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	alpha-Endosulfan	< 10	µg/L	GE
0	alpha-Endosulfan	< 10	µg/L	GE
0	beta-Endosulfan	< 10	µg/L	GE
0	beta-Endosulfan	< 10	µg/L	GE
0	Endrin	< 0.010	µg/L	GE
0	Endrin	< 0.010	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin	< 10	µg/L	GE
0	Endrin	< 0.020	µg/L	IT
0	Endrin aldehyde	< 10	µg/L	GE
0	Endrin aldehyde	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	IT
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	IT
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 250	µg/L	IT
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Heptachlor epoxide	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobenzene	< 10	µg/L	IT
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	IT
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	IT
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	IT
0	Iron	6.0	µg/L	GE
0	Iron	5.9	µg/L	GE
0	Iron	< 5.0	µg/L	IT
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	IT
0	Lead	< 3.0	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Lead	< 2.0	µg/L	IT
0	Magnesium	570	µg/L	GE
0	Magnesium	530	µg/L	GE
0	Magnesium	475	µg/L	IT
0	Manganese	13	µg/L	GE
0	Manganese	12	µg/L	GE
0	Manganese	11	µg/L	IT
0	Mercury	0.38	µg/L	GE
0	Mercury	0.33	µg/L	GE
0	Mercury	0.21	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	IT
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	IT
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	IT
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	IT
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	IT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	IT
0	Nitrate as nitrogen	1,070	µg/L	GE
0	Nitrate as nitrogen	1,070	µg/L	GE
0	Nitrate as nitrogen	920	µg/L	IT
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	IT
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	IT
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	IT
0	PCB 1016	< 150	µg/L	GE
0	PCB 1016	< 150	µg/L	GE
0	PCB 1221	< 150	µg/L	GE
0	PCB 1221	< 150	µg/L	GE
0	PCB 1232	< 150	µg/L	GE
0	PCB 1232	< 150	µg/L	GE
0	PCB 1242	< 150	µg/L	GE
0	PCB 1242	< 150	µg/L	GE
0	PCB 1248	< 150	µg/L	GE
0	PCB 1248	< 150	µg/L	GE
0	PCB 1254	< 150	µg/L	GE
0	PCB 1254	< 150	µg/L	GE
0	PCB 1260	< 150	µg/L	GE

WELL AOB 1 collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	7,700	µg/L	GE
0	Silica	7,500	µg/L	GE
0	Silica	8,970	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	5,000	µg/L	GE
0	Sodium	4,700	µg/L	GE
0	Sodium	4,310	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
2	Tetrachloroethylene	120	µg/L	GE
2	Tetrachloroethylene	105	µg/L	GE
2	Tetrachloroethylene	130	µg/L	IT
2	Tetrachloroethylene	148	µg/L	MA
2	Tetrachloroethylene	102	µg/L	MA
0	Total dissolved solids	70,000	µg/L	GE
0	Total dissolved solids	50,000	µg/L	GE
0	Total dissolved solids	15,000	µg/L	IT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	1,410	µg/L	IT
2	Total organic halogens	213	µg/L	GE
2	Total organic halogens	190	µg/L	GE
2	Total organic halogens	233	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	28	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
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	<5.0	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	155	µg/L	GE
2	Trichloroethylene	130	µg/L	GE
2	Trichloroethylene	130	µg/L	IT
2	Trichloroethylene	143	µg/L	MA
2	Trichloroethylene	100	µg/L	MA
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.3E-09±3.5E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.6E-09±3.3E-09	µCi/mL	GE
0	Total radium	1.2E-09±4.0E-10	µCi/mL	IT
0	Tritium	1.2E-06±2.0E-07	µCi/mL	GE
0	Tritium	1.2E-06±2.0E-07	µCi/mL	GE
0	Tritium	1.4E-06±2.0E-07	µCi/mL	IT

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91 — Time: 10:35
Depth to water: 107.71 ft (32.83 m) below TOC — pH: 5.0
Water elevation: 233.39 ft (71.14 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 39 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.3	pH	IT
0	Specific conductance	31	µS/cm	GE
0	Specific conductance	37	µS/cm	IT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	IT
0	Aldrin	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	8.8	µg/L	GE
0	Barium	8.6	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Lindane	<0.010	µg/L	IT
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	<50	µg/L	GE
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,200	µg/L	GE
0	Calcium	1,180	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chlordane	<10	µg/L	GE
0	Chloride	5,210	µg/L	GE
0	Chloride	5,240	µg/L	IT
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	IT
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-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE

ANALYTICAL RESULTS

WELL AOB 1 collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Endrin aldehyde	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	5.9	µg/L	GE
0	Iron	8.6	µg/L	IT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	490	µg/L	GE
0	Magnesium	472	µg/L	IT
0	Manganese	12	µg/L	GE
0	Manganese	11	µg/L	IT
0	Mercury	0.33	µg/L	GE
0	Mercury	0.22	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	IT
0	Nitrate as nitrogen	1,600	µg/L	GE
0	Nitrate as nitrogen	920	µg/L	IT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	IT
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	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	7,200	µg/L	GE
0	Silica	7,140	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT

WELL AOB 1 collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	4,400	µg/L	GE
0	Sodium	4,200	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
2	Tetrachloroethylene	125	µg/L	GE
2	Tetrachloroethylene	110	µg/L	IT
0	Total dissolved solids	58,000	µg/L	GE
0	Total dissolved solids	19,000	µg/L	IT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	1,670	µg/L	IT
2	Total organic halogens	262	µg/L	GE
2	Total organic halogens	232	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	36	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	150	µg/L	GE
2	Trichloroethylene	110	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	2.0E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 3.0E-10	µCi/mL	IT
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	IT
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	IT

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91 Time: 10:05
Depth to water: 111.22 ft (33.90 m) below TOC pH: 4.9
Water elevation: 234.18 ft (71.38 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 19 µS/cm Water temperature: 18.0°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	15	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	4.6	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	57,000	µg/L	GE
2	Calcium	58,000	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	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	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA

WELL AOB 2 collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<0.0060	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	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	77	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	13	µg/L	GE
0	Magnesium	510	µg/L	GE
2	Manganese	720	µg/L	GE
2	Manganese	680	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	860	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	7,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	1,330	µg/L	GE
0	Tetrachloroethylene	<1.0	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 phosphates (as P)	<50	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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09±3.5E-09	µCi/mL	GE
0	Total radium	1.0E-09±3.1E-09	µCi/mL	GE
0	Tritium	1.2E-06±2.0E-07	µCi/mL	GE

WELL AOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91
Depth to water: 117.81 ft (35.91 m) below TOC
Water elevation: 234.79 ft (71.56 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 11:15
pH: 5.3
Alkalinity ($CaCO_3$): 4 mg/L
Water temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE

WELL AOB 3 collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Anthracene	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11,000	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	2,130	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	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	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<0.0060	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	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	48	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Manganese	5.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	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	460	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	7,400	µg/L	GE
0	Silver	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL AOB 3 collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	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)	<50	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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Gross alpha	2.4E-09±1.8E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09±2.7E-09	µCi/mL	GE
1	Total radium	2.8E-09±2.8E-09	µCi/mL	GE
0	Tritium	1.7E-06±2.0E-07	µCi/mL	GE

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 Time: 15:55
Depth to water: Not available pH: 5.1
Water elevation: Not available Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 17 µS/cm Water temperature: 16.0°C
Water evacuated before sampling: 30 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Specific conductance	12	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	Barium	4.8	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	0.036	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	740	µg/L	GE
0	Calcium	720	µg/L	GE
0	Chloride	1,970	µg/L	GE
0	Chloride	2,030	µg/L	GE
0	Chloroform	<2.5	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<2.5	µg/L	MA
0	1,1-Dichloroethylene	<2.5	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	76	µg/L	GE
0	Iron	71	µg/L	GE
0	Lead	15	µg/L	GE
0	Lead	13	µg/L	GE
0	Magnesium	300	µg/L	GE
0	Magnesium	300	µg/L	GE
0	Manganese	9.4	µg/L	GE
0	Manganese	9.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	540	µg/L	GE
0	Nitrate as nitrogen	540	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,800	µg/L	GE
0	Silica	6,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<2.5	µg/L	MA
0	Total dissolved solids	33,000	µg/L	GE
0	Total dissolved solids	37,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	28	µg/L	GE
0	Total organic halogens	29	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

WELL ARP 1A collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	<2.5	µg/L	MA
2	Trichloroethylene	26	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	1.5E-09±3.3E-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	1.3E-06±2.0E-07	µCi/mL	GE

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 Time: 16:20
Depth to water: 124.43 ft (37.93 m) below TOC pH: 5.3
Water elevation: 212.87 ft (64.88 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 15 µS/cm Water temperature: 16.3°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.4	pH	IT
0	Specific conductance	12	µS/cm	GE
0	Specific conductance	16	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.1	µg/L	GE
0	Barium	8.2	µg/L	IT
0	Lindane	0.013	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	540	µg/L	GE
0	Calcium	495	µg/L	IT
0	Chloride	1,820	µg/L	GE
0	Chloride	1,700	µg/L	IT
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	8.0	µg/L	GE
0	Iron	16	µg/L	IT
0	Lead	7.0	µg/L	GE
0	Lead	8.5	µg/L	IT
0	Magnesium	520	µg/L	GE
0	Magnesium	454	µg/L	IT
0	Manganese	4.7	µg/L	GE
0	Manganese	4.1	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.30	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	610	µg/L	GE
0	Nitrate as nitrogen	510	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	7,000	µg/L	GE
0	Silica	7,280	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,700	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sodium	1,390	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	32,000	µg/L	GE
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	29	µg/L	GE
0	Total organic halogens	13	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	85	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	MA

WELL ARP 2 collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	1.3E-09±3.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	1.2E-06±2.0E-07	µCi/mL	GE
0	Tritium	1.2E-06±2.0E-07	µCi/mL	IT

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 Time: 16:20
Depth to water: 124.43 ft (37.93 m) below TOC pH: 5.3
Water elevation: 212.87 ft (64.88 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 15 µS/cm Water temperature: 16.3°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.4	pH	IT
0	Specific conductance	13	µS/cm	GE
0	Specific conductance	16	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	7.7	µg/L	GE
0	Barium	6.1	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,700	µg/L	GE
0	Calcium	516	µg/L	IT
0	Chloride	1,790	µg/L	GE
0	Chloride	1,750	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	28	µg/L	GE
0	Iron	6.0	µg/L	IT
0	Lead	9.0	µg/L	GE
0	Lead	7.8	µg/L	IT
0	Magnesium	480	µg/L	GE
0	Magnesium	452	µg/L	IT
0	Manganese	5.1	µg/L	GE
0	Manganese	4.2	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	610	µg/L	GE
0	Nitrate as nitrogen	550	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	6,900	µg/L	GE
0	Silica	7,350	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,000	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sodium	1,430	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	36,000	µg/L	GE
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	17	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	55	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	2.3E-09±3.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	1.4E-06±2.0E-07	µCi/mL	GE
0	Tritium	1.1E-06±2.0E-07	µCi/mL	IT

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 Time: 17:10
Depth to water: 125.12 ft (38.14 m) below TOC pH: 4.9
Water elevation: 214.68 ft (65.44 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 26 µS/cm Water temperature: 16.5°C
Water evacuated before sampling: 69 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.5	µg/L	GE
0	Barium	5.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	410	µg/L	GE
0	Carbon tetrachloride	2.0	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	Chloroform	<10	µg/L	MA
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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
1	trans-1,2-Dichloroethene	64	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	12	µg/L	GE
0	Magnesium	300	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	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	7,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,900	µg/L	GE
0	Sodium	3,900	µg/L	GE
0	Sulfate	10,600	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	44	µg/L	GE
2	Tetrachloroethylene	35	µg/L	MA
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	393	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	520	µg/L	GE
2	Trichloroethylene	557	µg/L	MA
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±2.8E-09	µCi/mL	GE
0	Tritium	1.4E-06±2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 30 gal

Time: 15:25
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	16	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	990	µg/L	GE
0	Chloride	2,440	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	9.0	µg/L	GE
0	Magnesium	330	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	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	6,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	1.3	µg/L	MA
0	Total dissolved solids	32,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	34	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	MA
1	Trichloroethylene	4.0	µg/L	MA
0	Gross alpha	2.8E-09 ± 1.9E-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 ASB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 50 gal

Time: 15:25
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	Specific conductance	36	µS/cm	GE
0	Specific conductance	36	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.1	µg/L	GE
0	Barium	4.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	690	µg/L	GE
0	Calcium	730	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,710	µg/L	GE
0	Chloride	5,730	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	Copper	8.2	µg/L	GE
0	Copper	8.2	µg/L	GE
0	trans-1,2-Dichloroethene	1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE

WELL ASB 1A collected on 02/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	9.7	µg/L	GE
0	Iron	8.3	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	290	µg/L	GE
0	Magnesium	300	µg/L	GE
0	Manganese	20	µg/L	GE
0	Manganese	21	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	400	µg/L	GE
0	Nitrate as nitrogen	400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<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	3,400	µg/L	GE
0	Silica	3,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sulfate	27,600	µg/L	GE
0	Sulfate	29,400	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Tetrachloroethylene	4.7	µg/L	MA
0	Total dissolved solids	40,000	µg/L	GE
0	Total dissolved solids	39,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	1.8	µg/L	MA
0	Zinc	6.8	µg/L	GE
0	Zinc	6.7	µg/L	GE
2	Americium-241	4.3E-09 ± 6.0E-10	µCi/mL	IT
0	Antimony-125	<7.9E-08	µCi/mL	IT
0	Cerium-141	<1.4E-08	µCi/mL	IT
0	Cerium-144	<8.6E-07	µCi/mL	IT
0	Cesium-134	<5.6E-08	µCi/mL	IT
0	Cesium-137	<9.2E-09	µCi/mL	IT
0	Cobalt-58	<8.6E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<9.9E-09	µCi/mL	IT
0	Niobium-95	<9.6E-09	µCi/mL	IT
0	Nonvolatile beta	2.6E-09 ± 3.5E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.7E-09 ± 6.0E-10	µCi/mL	IT
0	Radium-226	<3.7E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.6E-07	µCi/mL	IT
0	Ruthenium-103	<9.8E-09	µCi/mL	IT
0	Ruthenium-106	<9.0E-08	µCi/mL	IT
0	Sodium-22	<1.0E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.5E-08	µCi/mL	IT
1	Total radium	2.5E-09 ± 3.6E-09	µCi/mL	GE
0	Total radium	2.1E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	2.3E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	2.0E-06 ± 3.0E-07	µCi/mL	GE
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<8.5E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<4.7E-07	µCi/mL	IT
0	Zinc-65	<2.3E-08	µCi/mL	IT
0	Zirconium-95	<2.3E-08	µCi/mL	IT

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 Time: 15:55
Depth to water: 113.73 ft (34.67 m) below TOC pH: 5.9
Water elevation: 235.27 ft (71.71 m) msl Alkalinity ($CaCO_3$): 17 mg/L
Sp. conductance: 86 µS/cm Water temperature: 17.8°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.6	µg/L	GE
0	Lindane	<0.0050	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	4,580	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	Copper	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	34	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	460	µg/L	GE
0	Manganese	5.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	120	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	2.0	µg/L	GE
0	Silica	3,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE
0	Sulfate	9,720	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Tetrachloroethylene	1.4	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Zinc	7.9	µg/L	GE
2	Americium-241	1.1E-08±2.0E-09	µCi/mL	IT
0	Antimony-125	<5.4E-09	µCi/mL	IT
0	Cerium-141	<8.1E-09	µCi/mL	IT
0	Cerium-144	<1.7E-07	µCi/mL	IT
0	Cesium-134	<3.8E-08	µCi/mL	IT
0	Cesium-137	<8.1E-09	µCi/mL	IT
0	Cobalt-58	<8.4E-09	µCi/mL	IT
0	Cobalt-60	<1.2E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<7.8E-09	µCi/mL	IT
0	Niobium-95	<7.6E-09	µCi/mL	IT
0	Nonvolatile beta	2.3E-09±3.4E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
1	Radium-226	2.1E-09±6.0E-10	µCi/mL	IT
2	Radium-226	1.1E-08±2.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<6.5E-09	µCi/mL	IT
0	Ruthenium-106	<6.0E-08	µCi/mL	IT
0	Sodium-22	<1.0E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<7.6E-09	µCi/mL	IT
1	Total radium	3.2E-09±3.8E-09	µCi/mL	GE
0	Tritium	1.0E-06±2.0E-07	µCi/mL	GE
0	Uranium-234	8.2E-09±9.0E-10	µCi/mL	IT
0	Uranium-235	3.2E-09±5.0E-10	µCi/mL	IT
0	Uranium-235	<2.7E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.1E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<1.8E-08	µCi/mL	IT
0	Zirconium-95	<1.6E-08	µCi/mL	IT

WELL ASB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 10:35
Depth to water: 127.97 ft (39.01 m) below TOC
Water elevation: 221.43 ft (67.49 m) msl
The well pumped dry before all field parameters were collected

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 Time: 16:15
Depth to water: 107.91 ft (32.89 m) below TOC pH: 5.7
Water elevation: 237.09 ft (72.27 m) msl Alkalinity ($CaCO_3$): 7 mg/L
Sp. conductance: 50 µS/cm Water temperature: 18.1°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	26	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,860	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	53	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.0	µg/L	GE
0	Nitrate as nitrogen	380	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	530	µg/L	GE
0	Selenium	3.0	µg/L	GE
0	Silica	4,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,200	µg/L	GE
0	Sulfate	4,030	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Zinc	11	µg/L	GE
2	Americium-241	6.7E-09±8.0E-10	µCi/mL	IT
0	Antimony-125	<5.2E-08	µCi/mL	IT
0	Cerium-141	<5.9E-09	µCi/mL	IT
0	Cerium-144	<1.7E-07	µCi/mL	IT
0	Cesium-134	<3.7E-08	µCi/mL	IT
0	Cesium-137	<8.0E-09	µCi/mL	IT
0	Cobalt-58	<7.8E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<8.0E-09	µCi/mL	IT
0	Niobium-95	<7.2E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.6E-09±6.0E-10	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<6.3E-09	µCi/mL	IT
0	Ruthenium-106	<6.2E-08	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Strontium-90	<2.0E-09	µCi/mL	IT
0	Thorium-232	<9.2E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.1E-08±2.0E-07	µCi/mL	GE
0	Uranium-234	3.0E-09±1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL ASB 3A collected on 02/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Uranium-235	<2.7E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.2E-07 ±5.0E-08	µCi/mL	IT
0	Zinc-65	<2.0E-08	µCi/mL	IT
0	Zirconium-95	<1.7E-08	µCi/mL	IT

WELL ASB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 13:00
Depth to water: 124.86 ft (38.06 m) below TOC pH: 6.7
Water elevation: 221.14 ft (67.40 m) msl Alkalinity ($CaCO_3$): 24 mg/L
Sp. conductance: 121 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 330 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	pH	7.0	pH	GE
0	Specific conductance	62	µS/cm	GE
0	Specific conductance	62	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<10	µg/L	GE
0	Acetone	<10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Aramite	<10	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	27	µg/L	GE
0	Barium	28	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE

WELL ASB 3C collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11,000	µg/L	GE
0	Calcium	11,000	µg/L	GE
0	Carbon disulfide	<1.0	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	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	Chlordane	<0.50	µg/L	GE
0	Chloride	8,170	µg/L	GE
0	Chloride	7,740	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<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	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	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	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	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-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-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	<1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE

WELL ASB 3C collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
0	Dichloromethane (Methylene chloride)	<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-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<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	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE

WELL ASB 3C collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	µg/L	GE
0	2-Hexanone	<20	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl Iodide)	<15	µg/L	GE
0	Iodomethane (Methyl Iodide)	<15	µg/L	GE
0	Iron	53	µg/L	GE
0	Iron	19	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	730	µg/L	GE
0	Magnesium	760	µg/L	GE
1	Manganese	30	µg/L	GE
1	Manganese	30	µg/L	GE
0	Mercury	0.59	µg/L	GE
0	Mercury	0.59	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	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 ethyl ketone	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	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	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE

ANALYTICAL RESULTS

WELL ASB 3C collected on 02/12/91, laboratory analyses (continued)

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-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	PCB 1262	< 0.50	µg/L	GE
0	PCB 1262	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	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	Pentachloroethane	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachloronitrobenzene	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Pentachlorophenol	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenacetin	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenanthrene	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Phenol	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	p-Phenylenediamine	< 10	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	Phorate	< 0.50	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	2-Picoline	< 10	µg/L	GE
0	Potassium	3,500	µg/L	GE
0	Potassium	3,700	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Pronamid	< 10	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Propionitrile	< 200	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyrene	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Pyridine	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	Safrole	< 10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	< 50	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,500	µg/L	GE
0	Silica	9,100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Styrene	< 1.0	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfide	< 1,000	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	Sulfotepp	< 10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	< 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	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	177	µg/L	GE
2	Tetrachloroethylene	182	µg/L	GE
2	Tetrachloroethylene	211	µg/L	MA
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	< 10	µg/L	GE
0	Thallium	< 2.0	µg/L	GE
0	Thallium	< 2.0	µg/L	GE

WELL ASB 3C collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tin	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	o-Toluidine	< 10	µg/L	GE
0	Total dissolved solids	85,000	µg/L	GE
0	Total dissolved solids	91,000	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	498	µg/L	GE
2	Total organic halogens	523	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.50	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.50	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,2,4-Trichlorobenzene	< 10	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 10	µg/L	MA
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	756	µg/L	GE
2	Trichloroethylene	736	µg/L	GE
2	Trichloroethylene	1,100	µg/L	MA
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,6-Trichlorophenol	< 10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	1,2,3-Trichloropropane	< 1.0	µg/L	GE
0	1,2,3-Trichloropropane	< 1.0	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	1,3,5-Trinitrobenzene	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Vinyl acetate	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 1.0	µg/L	GE
0	Zinc	10	µg/L	GE
0	Zinc	13	µg/L	GE
2	Americium-241	1.0E-08 ± 1.0E-09	µCi/mL	IT
0	Antimony-125	< 8.0E-08	µCi/mL	IT
0	Antimony-125	< 6.4E-08	µCi/mL	IT
0	Cerium-141	< 7.8E-09	µCi/mL	IT
0	Cerium-141	< 6.5E-09	µCi/mL	IT
0	Cerium-144	< 2.2E-07	µCi/mL	IT
0	Cerium-144	< 1.8E-07	µCi/mL	IT
0	Cesium-134	< 5.1E-08	µCi/mL	IT
0	Cesium-134	< 3.9E-08	µCi/mL	IT
0	Cesium-137	< 1.0E-08	µCi/mL	IT
0	Cesium-137	< 9.3E-09	µCi/mL	IT
0	Cobalt-58	< 1.2E-08	µCi/mL	IT
0	Cobalt-58	< 8.7E-09	µCi/mL	IT
0	Cobalt-60	< 1.4E-08	µCi/mL	IT
0	Cobalt-60	< 1.2E-08	µCi/mL	IT
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Manganese-54	< 1.1E-08	µCi/mL	IT
0	Manganese-54	< 7.8E-09	µCi/mL	IT
0	Niobium-95	< 1.0E-08	µCi/mL	IT
0	Niobium-95	< 7.5E-09	µCi/mL	IT
0	Nonvolatile beta	3.4E-09 ± 3.5E-09	µCi/mL	GE
0	Nonvolatile beta	7.1E-09 ± 3.9E-09	µCi/mL	GE
0	Plutonium-238	< 1.0E-09	µCi/mL	IT
0	Plutonium-239	< 1.0E-09	µCi/mL	IT
0	Radium-226	1.4E-09 ± 5.0E-10	µCi/mL	IT
0	Radium-226	1.6E-09 ± 7.0E-10	µCi/mL	IT
2	Radium-226	1.9E-08 ± 3.0E-09	µCi/mL	IT
2	Radium-226	2.4E-08 ± 3.0E-09	µCi/mL	IT
0	Radium-228	< 1.0E-09	µCi/mL	IT
0	Radium-228	1.2E-09 ± 7.0E-10	µCi/mL	IT
0	Radium-228	< 1.6E-07	µCi/mL	IT
0	Radium-228	< 1.3E-07	µCi/mL	IT
0	Ruthenium-103	< 7.8E-09	µCi/mL	IT
0	Ruthenium-103	< 7.2E-09	µCi/mL	IT
0	Ruthenium-106	< 8.9E-08	µCi/mL	IT
0	Ruthenium-106	< 7.4E-08	µCi/mL	IT
0	Sodium-22	< 1.3E-08	µCi/mL	IT
0	Sodium-22	< 1.1E-08	µCi/mL	IT
0	Strontium-89	< 1.0E-09	µCi/mL	IT
0	Strontium-90	< 1.0E-09	µCi/mL	IT
2	Thorium-232	2.0E-08 ± 3.0E-09	µCi/mL	IT
2	Thorium-232	2.3E-08 ± 3.0E-09	µCi/mL	IT
0	Total activity	2.3E-05 ± 1.5E-06	µCi/mL	EM
0	Total radium	1.6E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
2	Tritium	3.0E-05 ± 9.0E-07	µCi/mL	GE
2	Tritium	3.0E-05 ± 8.0E-07	µCi/mL	GE
0	Uranium-234	2.2E-09 ± 7.0E-10	µCi/mL	IT
0	Uranium-235	< 1.0E-09	µCi/mL	IT
0	Uranium-235	< 3.6E-08	µCi/mL	IT
0	Uranium-235	< 2.8E-08	µCi/mL	IT

WELL ASB 3C collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Uranium-238	1.5E-09±6.0E-10	µCi/mL	IT
2	Uranium-238	6.4E-07±7.0E-08	µCi/mL	IT
2	Uranium-238	6.0E-07±8.0E-08	µCi/mL	IT
0	Zinc-65	<2.5E-08	µCi/mL	IT
0	Zinc-65	<2.3E-08	µCi/mL	IT
0	Zirconium-95	<2.3E-08	µCi/mL	IT
0	Zirconium-95	<1.9E-08	µCi/mL	IT

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 Time: 11:00
Depth to water: 99.68 ft (30.38 m) below TOC pH: 5.6
Water elevation: 235.92 ft (71.91 m) msl Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 56 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 26 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	690	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,840	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Copper	5.3	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	25	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	540	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	370	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	660	µg/L	GE
0	Selenium	2.0	µg/L	GE
0	Silica	4,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,600	µg/L	GE
0	Sulfate	7,430	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
1	Trichloroethylene	3.8	µg/L	MA
0	Zinc	33	µg/L	GE
2	Americium-241	2.1E-08±3.0E-09	µCi/mL	IT
0	Antimony-125	<5.0E-08	µCi/mL	IT
0	Cerium-141	<9.4E-09	µCi/mL	IT
0	Cerium-144	<4.5E-07	µCi/mL	IT
0	Cesium-134	<3.4E-08	µCi/mL	IT
0	Cesium-137	<6.8E-09	µCi/mL	IT
0	Cobalt-58	<6.6E-08	µCi/mL	IT
0	Cobalt-60	<7.6E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<6.9E-09	µCi/mL	IT
0	Niobium-95	<6.9E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.2E-09±6.0E-10	µCi/mL	IT
0	Radium-226	<2.6E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<6.4E-09	µCi/mL	IT
0	Ruthenium-106	<6.1E-08	µCi/mL	IT
0	Sodium-22	<8.2E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	7.8E-07±2.0E-07	µCi/mL	GE
0	Uranium-234	1.1E-09±4.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<4.4E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT

WELL ASB 4 collected on 02/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Uranium-238	<3.2E-07	µCi/mL	IT
0	Zinc-65	<1.9E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 Time: 14:55
Depth to water: 109.80 ft (33.47 m) below TOC pH: 5.4
Water elevation: 235.20 ft (71.69 m) msl Alkalinity ($CaCO_3$): 4 mg/L
Sp. conductance: 55 µS/cm Water temperature: 17.6°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	24	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Lindane	<0.0050	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	5,390	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	Magnesium	550	µg/L	GE
0	Manganese	5.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	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	4,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,700	µg/L	GE
0	Sulfate	4,850	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	6.0	µg/L	GE
2	Trichloroethylene	6.0	µg/L	MA
0	Zinc	10	µg/L	GE
2	Americium-241	8.8E-09±9.0E-10	µCi/mL	IT
0	Antimony-125	<5.6E-08	µCi/mL	IT
0	Cerium-141	<6.3E-09	µCi/mL	IT
0	Cerium-144	<1.6E-07	µCi/mL	IT
0	Cesium-134	<3.6E-08	µCi/mL	IT
0	Cesium-137	<8.6E-09	µCi/mL	IT
0	Cobalt-58	<8.4E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	2.2E-09±1.7E-09	µCi/mL	GE
0	Manganese-54	<7.8E-09	µCi/mL	IT
0	Niobium-95	<7.9E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.8E-09±6.0E-10	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<6.7E-09	µCi/mL	IT
0	Ruthenium-106	<5.9E-08	µCi/mL	IT
0	Sodium-22	<1.0E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.4E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.7E-06±3.0E-07	µCi/mL	GE
0	Uranium-234	1.1E-09±4.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.8E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.4E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<1.8E-08	µCi/mL	IT
0	Zirconium-95	<1.6E-08	µCi/mL	IT

ANALYTICAL RESULTS

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 — Time: 13:05
Depth to water: 115.78 ft (35.29 m) below TOC — pH: 5.1
Water elevation: 234.42 ft (71.45 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 93 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	510	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	7,100	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	6.3	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	95	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	340	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	13	µg/L	GE
0	Nitrate as nitrogen	1,960	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	520	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,000	µg/L	GE
0	Sulfate	22,400	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Tetrachloroethylene	2.3	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	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	2.0	µg/L	GE
0	Trichloroethylene	1.5	µg/L	MA
0	Zinc	21	µg/L	GE
2	Americium-241	6.8E-09 ± 8.0E-10	µCi/mL	IT
0	Antimony-125	<7.0E-08	µCi/mL	IT
0	Cerium-141	<1.4E-08	µCi/mL	IT
0	Cerium-144	<6.7E-07	µCi/mL	IT
0	Cesium-134	<5.5E-08	µCi/mL	IT
0	Cesium-137	<9.6E-09	µCi/mL	IT
0	Cobalt-58	<9.2E-09	µCi/mL	IT
0	Cobalt-60	<1.2E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<1.1E-08	µCi/mL	IT
0	Niobium-95	<9.2E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<3.8E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.6E-07	µCi/mL	IT
0	Ruthenium-103	<8.7E-09	µCi/mL	IT
0	Ruthenium-106	<8.1E-08	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.4E-08	µCi/mL	IT
0	Total radium	1.5E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	5.1E-06 ± 4.0E-07	µCi/mL	GE
0	Uranium-234	1.3E-09 ± 3.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<8.4E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<4.7E-07	µCi/mL	IT
0	Zinc-65	<2.4E-08	µCi/mL	IT
0	Zirconium-95	<2.4E-08	µCi/mL	IT

WELL ASB 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 — Time: 14:00
Depth to water: 137.41 ft (41.88 m) below TOC — pH: 11.0
Water elevation: 218.79 ft (66.08 m) msl — Alkalinity ($CaCO_3$): 69 mg/L
Sp. conductance: 212 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 455 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
0	Specific conductance	108	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	21,000	µg/L	GE
0	Carbon tetrachloride	<200	µg/L	GE
0	Chloride	1,920	µg/L	GE
0	Chloroform	<200	µg/L	GE
0	Chloroform	<50	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<50	µg/L	MA
0	1,1-Dichloroethylene	<50	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	11	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	170	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	1,230	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	6,300	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	7,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<200	µg/L	GE
0	Tetrachloroethylene	<50	µg/L	MA
0	Total dissolved solids	79,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	2,150	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	<200	µg/L	GE
0	1,1,1-Trichloroethane	<50	µg/L	MA
2	Trichloroethylene	2,960	µg/L	GE
2	Trichloroethylene	3,680	µg/L	MA
0	Zinc	3.1	µg/L	GE
1	Americium-241	2.8E-09 ± 5.0E-10	µCi/mL	IT
0	Antimony-125	<5.2E-08	µCi/mL	IT
0	Cerium-141	<6.1E-09	µCi/mL	IT
0	Cerium-144	<1.7E-07	µCi/mL	IT
0	Cesium-134	<3.6E-08	µCi/mL	IT
0	Cesium-137	<8.2E-09	µCi/mL	IT
0	Cobalt-58	<8.0E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<7.4E-09	µCi/mL	IT
0	Niobium-95	<7.2E-09	µCi/mL	IT
0	Nonvolatile beta	6.0E-09 ± 2.9E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	1.2E-09 ± 8.0E-10	µCi/mL	IT
1	Radium-226	3.4E-09 ± 9.0E-10	µCi/mL	IT
2	Radium-226	1.5E-08 ± 2.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<6.1E-09	µCi/mL	IT
0	Ruthenium-106	<6.0E-08	µCi/mL	IT
0	Sodium-22	<9.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.1E-08	µCi/mL	IT
0	Total radium	1.6E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE
0	Uranium-234	1.0E-09 ± 3.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.8E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.4E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<1.5E-08	µCi/mL	IT
0	Zirconium-95	<1.8E-08	µCi/mL	IT

WELL ASB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 13:30
Inaccessibility or pump failure prevented sample collection.

WELL ASB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 15:10
Depth to water: 131.31 ft (40.02 m) below TOC pH: 5.5
Water elevation: 222.29 ft (67.75 m) msl Alkalinity ($CaCO_3$): 10 mg/L
Sp. conductance: 51 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 128 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	4,760	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	Chloroform	<1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	6.6	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	570	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	470	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,200	µg/L	GE
0	Sulfate	1,290	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	48	µg/L	GE
2	Tetrachloroethylene	48	µg/L	MA
0	Toluene	2.0	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	27	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	9.0	µg/L	GE
2	Trichloroethylene	7.5	µg/L	MA
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	2.3E-09±2.6E-09	µCi/mL	GE
0	Total activity	2.3E-06±1.3E-06	µCi/mL	EM
1	Total radium	2.6E-09±3.1E-09	µCi/mL	GE
0	Tritium	2.7E-06±3.0E-07	µCi/mL	GE

WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 13:35
Inaccessibility or pump failure prevented sample collection.

WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 14:50
Depth to water: 140.53 ft (42.83 m) below TOC
Water elevation: 212.37 ft (64.73 m) msl
The well pumped dry before all field parameters were collected

WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 17:45
Depth to water: 140.70 ft (42.89 m) below TOC pH: 11.1
Water elevation: 212.20 ft (64.68 m) msl Alkalinity ($CaCO_3$): 124 mg/L
Sp. conductance: 527 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 38 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	31	µg/L	MA
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
0	Tetrachloroethylene	<5.0	µg/L	MA
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	342	µg/L	MA
0	Total activity	5.3E-07±1.2E-06	µCi/mL	EM

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 Time: 13:05
Depth to water: 121.27 ft (36.96 m) below TOC pH: 4.9
Water elevation: 232.13 ft (70.75 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 90 µS/cm Water temperature: 17.0°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.1	pH	IT
0	Specific conductance	58	µS/cm	GE
0	Specific conductance	74	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	6.1	µg/L	GE
0	Barium	6.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	940	µg/L	GE
0	Calcium	972	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	7,980	µg/L	GE
0	Chloride	9,220	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	0.45	µg/L	IT
0	Chloroform	<1.0	µg/L	MA
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	19	µg/L	GE
0	Copper	19	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	17	µg/L	GE
0	Iron	22	µg/L	IT
0	Lead	7.0	µg/L	GE
0	Lead	8.0	µg/L	IT
0	Magnesium	460	µg/L	GE
0	Magnesium	452	µg/L	IT
1	Manganese	31	µg/L	GE

ANALYTICAL RESULTS

WELL ASB 7 collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
1	Manganese	30	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,690	µg/L	GE
0	Nitrate as nitrogen	2,530	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	5,200	µg/L	GE
0	Silica	4,610	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	14,000	µg/L	GE
0	Sodium	13,300	µg/L	IT
0	Sulfate	13,000	µg/L	GE
0	Sulfate	9,630	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Tetrachloroethylene	2.8	µg/L	IT
1	Tetrachloroethylene	3.9	µg/L	MA
1	Tetrachloroethylene	2.7	µg/L	MA
0	Total dissolved solids	68,000	µg/L	GE
0	Total dissolved solids	67,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	8.5	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	19	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
1	Trichloroethylene	3.0	µg/L	GE
1	Trichloroethylene	3.9	µg/L	IT
1	Trichloroethylene	4.7	µg/L	MA
1	Trichloroethylene	3.8	µg/L	MA
0	Zinc	8.2	µg/L	GE
0	Zinc	8.1	µg/L	IT
1	Americium-241	2.8E-09 ± 5.0E-10	µCi/mL	IT
0	Antimony-125	<3.5E-08	µCi/mL	IT
0	Cerium-141	<7.2E-09	µCi/mL	IT
0	Cerium-144	<2.4E-07	µCi/mL	IT
0	Cesium-134	<2.6E-08	µCi/mL	IT
0	Cesium-137	<4.9E-09	µCi/mL	IT
0	Cobalt-58	<5.4E-09	µCi/mL	IT
0	Cobalt-60	<6.9E-09	µCi/mL	IT
0	Gross alpha	2.0E-09 ± 1.7E-09	µCi/mL	GE
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Manganese-54	<5.5E-09	µCi/mL	IT
0	Niobium-95	<5.3E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
1	Radium-226	3.1E-09 ± 8.0E-10	µCi/mL	IT
0	Radium-226	<1.9E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<9.1E-08	µCi/mL	IT
0	Ruthenium-103	<4.8E-09	µCi/mL	IT
0	Ruthenium-106	<4.2E-08	µCi/mL	IT
0	Sodium-22	<6.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<8.2E-09	µCi/mL	IT
1	Total radium	2.8E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	7.3E-08 ± 4.0E-07	µCi/mL	GE
0	Tritium	5.7E-08 ± 8.0E-07	µCi/mL	IT
0	Uranium-234	3.4E-09 ± 9.0E-10	µCi/mL	IT
0	Uranium-235	2.2E-09 ± 7.0E-10	µCi/mL	IT
0	Uranium-235	<3.3E-08	µCi/mL	IT
0	Uranium-238	2.4E-09 ± 8.0E-10	µCi/mL	IT
0	Uranium-238	<1.1E-07	µCi/mL	IT
0	Zinc-65	<1.2E-08	µCi/mL	IT
0	Zirconium-95	<1.2E-08	µCi/mL	IT

WELL ASB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 Time: 13:05
Depth to water: 121.27 ft (36.96 m) below TOC pH: 4.9
Water elevation: 232.13 ft (70.75 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 90 µS/cm Water temperature: 17.0°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.2	pH	IT
0	Specific conductance	70	µS/cm	GE
0	Specific conductance	76	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	6.5	µg/L	GE
0	Barium	6.2	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,000	µg/L	GE
0	Calcium	995	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	8,180	µg/L	GE
0	Chloride	8,430	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	20	µg/L	GE
0	Copper	18	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	19	µg/L	GE
0	Iron	18	µg/L	IT
0	Lead	9.0	µg/L	GE
0	Lead	7.8	µg/L	IT
0	Magnesium	490	µg/L	GE
0	Magnesium	454	µg/L	IT
1	Manganese	32	µg/L	GE
1	Manganese	31	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,770	µg/L	GE
0	Nitrate as nitrogen	2,520	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	6,400	µg/L	GE
0	Silica	4,620	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	15,000	µg/L	GE
0	Sodium	13,400	µg/L	IT
0	Sulfate	11,900	µg/L	GE
0	Sulfate	9,860	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	2.4	µg/L	IT
0	Total dissolved solids	65,000	µg/L	GE
0	Total dissolved solids	61,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	7.4	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	12	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
1	Trichloroethylene	3.0	µg/L	GE
1	Trichloroethylene	3.4	µg/L	IT
0	Zinc	12	µg/L	GE
0	Zinc	6.4	µg/L	IT
1	Americium-241	3.0E-09 ± 6.0E-10	µCi/mL	IT
0	Antimony-125	<4.5E-08	µCi/mL	IT
0	Cerium-141	<8.2E-09	µCi/mL	IT
0	Cerium-144	<2.7E-07	µCi/mL	IT
0	Cesium-134	<3.2E-08	µCi/mL	IT
0	Cesium-137	<6.2E-09	µCi/mL	IT
0	Cobalt-58	<5.4E-09	µCi/mL	IT
0	Cobalt-60	<7.4E-09	µCi/mL	IT

WELL ASB 7 collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	3.5E-09 ± 2.3E-09	µCi/mL	IT
0	Manganese-54	<5.6E-09	µCi/mL	IT
0	Niobium-95	<6.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.7E-09 ± 2.7E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	1.3E-09 ± 7.0E-10	µCi/mL	IT
1	Radium-226	2.6E-09 ± 5.0E-10	µCi/mL	IT
1	Radium-226	2.3E-09 ± 6.0E-10	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<5.4E-09	µCi/mL	IT
0	Ruthenium-106	<5.0E-08	µCi/mL	IT
0	Sodium-22	<8.6E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.0E-09	µCi/mL	IT
1	Total radium	3.2E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	7.5E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	5.5E-06 ± 6.0E-07	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.8E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91
Depth to water: 117.66 ft (35.86 m) below TOC
Water elevation: 231.34 ft (70.51 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 65 gal

Time: 12:35
pH: 4.5
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	pH	5.0	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Specific conductance	19	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.2	µg/L	GE
0	Barium	4.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<10	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<10	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<10	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	390	µg/L	GE
0	Calcium	370	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<10	µg/L	GE
0	Chloride	3,410	µg/L	GE
0	Chloride	3,400	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	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	<10	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	48	µg/L	GE
0	Copper	44	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<10	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<10	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<10	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE

WELL ASB 8 collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<10	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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	<10	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<10	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<10	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	14	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	320	µg/L	GE
0	Magnesium	290	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	730	µg/L	GE
0	Nitrate as nitrogen	730	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	7,000	µg/L	GE
0	Silica	6,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,700	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	7,700	µg/L	GE
0	Sulfate	8,600	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<10	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	Toluene	<1.0	µg/L	GE
0	Toluene	<10	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
0	Total dissolved solids	45,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	192	µg/L	GE
2	Total organic halogens	192	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<10	µg/L	GE
2	Trichloroethylene	180	µg/L	GE
2	Trichloroethylene	180	µg/L	GE
2	Trichloroethylene	223	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	GE
0	Zinc	14	µg/L	GE
0	Zinc	14	µg/L	GE
2	Americium-241	7.3E-09 ± 1.2E-09	µCi/mL	IT
0	Antimony-125	<4.7E-08	µCi/mL	IT
0	Cerium-141	<8.2E-09	µCi/mL	IT
0	Cerium-144	<2.9E-07	µCi/mL	IT
0	Cesium-134	<3.4E-08	µCi/mL	IT
0	Cesium-137	<5.9E-09	µCi/mL	IT
0	Cobalt-58	<8.0E-09	µCi/mL	IT
0	Cobalt-60	<7.8E-09	µCi/mL	IT
0	Gross alpha	2.9E-09 ± 2.3E-09	µCi/mL	GE
0	Gross alpha	4.1E-09 ± 2.5E-09	µCi/mL	GE
0	Manganese-54	<5.1E-09	µCi/mL	IT
0	Niobium-95	<6.4E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.8E-09 ± 4.0E-10	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-228	1.3E-09 ± 8.0E-10	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<5.1E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL ASB 8 collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Ruthenium-106	<4.9E-08	µCi/mL	IT
0	Sodium-22	<8.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.2E-09	µCi/mL	IT
1	Total radium	2.9E-09 ± 3.7E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 4.0E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE
C	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.9E-08	µCi/mL	IT
0	Uranium-238	1.7E-09 ± 4.0E-10	µCi/mL	IT
0	Uranium-238	<1.3E-07	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 11:20
Depth to water: 131.75 ft (40.16 m) below TOC — pH: 5.2
Water elevation: 217.55 ft (66.31 m) msl — Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 16.5°C
Water evacuated before sampling: 366 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	13	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	2,000	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	Chloroform	<1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.0	µg/L	GE
0	Copper	7.4	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	63	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	320	µg/L	GE
0	Manganese	7.1	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	850	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,300	µg/L	GE
0	Silver	2.7	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-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

WELL ASB 8A collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	21	µg/L	GE
1	Americium-241	2.5E-09 ± 5.0E-10	µCi/mL	IT
0	Antimony-125	<4.3E-08	µCi/mL	IT
0	Cerium-141	<8.2E-09	µCi/mL	IT
0	Cerium-144	<2.7E-07	µCi/mL	IT
0	Cesium-134	<3.4E-08	µCi/mL	IT
0	Cesium-137	<6.0E-09	µCi/mL	IT
0	Cobalt-58	<5.8E-09	µCi/mL	IT
0	Cobalt-60	<8.4E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<8.0E-09	µCi/mL	IT
0	Niobium-95	<5.2E-09	µCi/mL	IT
0	Nonvolatile beta	2.1E-09 ± 3.4E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<9.5E-08	µCi/mL	IT
0	Ruthenium-103	<5.4E-09	µCi/mL	IT
0	Ruthenium-106	<4.9E-08	µCi/mL	IT
0	Sodium-22	<8.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.5E-09	µCi/mL	IT
0	Total radium	1.2E-09 ± 3.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<4.0E-08	µCi/mL	IT
0	Uranium-238	1.1E-09 ± 3.0E-10	µCi/mL	IT
0	Uranium-238	<1.3E-07	µCi/mL	IT
0	Zinc-65	<1.5E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 12:10
Depth to water: 131.05 ft (39.94 m) below TOC — pH: 5.3
Water elevation: 218.75 ft (66.68 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 16.6°C
Water evacuated before sampling: 241 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	5.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,920	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	Chloroform	<20	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<20	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<20	µg/L	MA
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	450	µg/L	GE
0	Manganese	4.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL ASB 8B collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silica	8,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	18	µg/L	GE
0	Tetrachloroethylene	<20	µg/L	MA
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	1,230	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<20	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	1,900	µg/L	GE
2	Trichloroethylene	1,870	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	9.1	µg/L	GE
2	Americium-241	5.1E-09 ± 8.0E-10	µCi/mL	IT
0	Antimony-125	<3.6E-08	µCi/mL	IT
0	Cerium-141	<6.9E-09	µCi/mL	IT
0	Cerium-144	<2.2E-07	µCi/mL	IT
0	Cesium-134	<2.8E-08	µCi/mL	IT
0	Cesium-137	<4.7E-09	µCi/mL	IT
0	Cobalt-58	<5.3E-09	µCi/mL	IT
0	Cobalt-60	<6.1E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<4.9E-09	µCi/mL	IT
0	Niobium-95	<4.6E-09	µCi/mL	IT
0	Nonvolatile beta	2.3E-09 ± 2.7E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.0E-09 ± 4.0E-10	µCi/mL	IT
0	Radium-226	<1.8E-08	µCi/mL	IT
0	Radium-228	1.1E-09 ± 7.0E-10	µCi/mL	IT
0	Radium-228	<8.0E-08	µCi/mL	IT
0	Ruthenium-103	<4.3E-09	µCi/mL	IT
0	Ruthenium-106	<3.9E-08	µCi/mL	IT
0	Sodium-22	<6.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<7.8E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.8E-06 ± 2.0E-07	µCi/mL	GE
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.3E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.0E-07	µCi/mL	IT
0	Zinc-65	<1.1E-08	µCi/mL	IT
0	Zirconium-95	<1.0E-08	µCi/mL	IT

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91
Depth to water: 128.06 ft (39.03 m) below TOC
Water elevation: 221.64 ft (67.56 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 102 gal

Time: 12:00
pH: 4.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	28	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	Lindane	0.012	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	2.0	µg/L	GE
0	Chloroform	<50	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<50	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<50	µg/L	MA

WELL ASB 8C collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	590	µg/L	GE
0	Manganese	4.7	µg/L	GE
1	Mercury	1.1	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,900	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,700	µg/L	GE
0	Sulfate	1,770	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	87	µg/L	GE
2	Tetrachloroethylene	40	µg/L	MA
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
2	Total organic halogens	1,200	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<50	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	2,200	µg/L	GE
2	Trichloroethylene	1,920	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	5.7	µg/L	GE
2	Americium-241	4.8E-09 ± 7.0E-10	µCi/mL	IT
0	Antimony-125	<4.5E-08	µCi/mL	IT
0	Cerium-141	<8.8E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cesium-134	<2.9E-08	µCi/mL	IT
0	Cesium-137	<5.7E-09	µCi/mL	IT
0	Cobalt-58	<6.0E-09	µCi/mL	IT
0	Cobalt-60	<8.5E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<6.4E-09	µCi/mL	IT
0	Niobium-95	<6.1E-09	µCi/mL	IT
0	Nonvolatile beta	5.2E-09 ± 3.0E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	1.2E-09 ± 7.0E-10	µCi/mL	IT
0	Radium-226	1.0E-09 ± 4.0E-10	µCi/mL	IT
0	Radium-226	<2.2E-08	µCi/mL	IT
0	Radium-228	2.7E-09 ± 7.0E-10	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<5.3E-09	µCi/mL	IT
0	Ruthenium-106	<5.4E-08	µCi/mL	IT
0	Sodium-22	<6.7E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.9E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.2E-05 ± 5.0E-07	µCi/mL	GE
0	Uranium-234	1.3E-09 ± 5.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<4.0E-08	µCi/mL	IT
0	Uranium-238	1.2E-09 ± 5.0E-10	µCi/mL	IT
0	Uranium-238	<1.3E-07	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91
Depth to water: 135.67 ft (41.35 m) below TOC
Water elevation: 213.93 ft (65.21 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 510 gal

Time: 11:30
pH: 5.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	14	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	970	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,690	µg/L	GE
0	Chloroform	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL ASB 8TA collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Copper	5.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	0.044	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	81	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Manganese	6.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	990	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,900	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	30,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Zinc	5.7	µg/L	GE
2	Americium-241	5.9E-09±9.0E-10	µCi/mL	IT
0	Antimony-125	<2.6E-08	µCi/mL	IT
0	Cerium-141	<5.0E-09	µCi/mL	IT
0	Cerium-144	<1.6E-07	µCi/mL	IT
0	Cesium-134	<1.9E-08	µCi/mL	IT
0	Cesium-137	<3.5E-09	µCi/mL	IT
0	Cobalt-58	<3.2E-09	µCi/mL	IT
0	Cobalt-60	<4.2E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<3.5E-09	µCi/mL	IT
0	Niobium-95	<3.4E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.2E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<6.1E-08	µCi/mL	IT
0	Ruthenium-103	<3.2E-09	µCi/mL	IT
0	Ruthenium-106	<2.9E-08	µCi/mL	IT
0	Sodium-22	<4.5E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<5.5E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium-234	7.0E-09±1.7E-09	µCi/mL	IT
0	Uranium-235	3.2E-09±1.1E-09	µCi/mL	IT
0	Uranium-235	<2.3E-08	µCi/mL	IT
0	Uranium-238	2.7E-09±1.1E-09	µCi/mL	IT
0	Uranium-238	<7.2E-08	µCi/mL	IT
0	Zinc-65	<8.5E-09	µCi/mL	IT
0	Zirconium-95	<8.0E-09	µCi/mL	IT

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: 70.15 ft (21.38 m) below TOC
Water elevation: 238.85 ft (72.80 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 59 gal

Time: 16:50
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,710	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE

WELL ASB 9 collected on 01/23/91, laboratory analyses (continued)

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	Chromium	<4.0	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	870	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	370	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,000	µg/L	GE
0	Sulfate	8,250	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	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-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	Zinc	4.7	µg/L	GE
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<3.8E-08	µCi/mL	IT
0	Cerium-141	<8.0E-09	µCi/mL	IT
0	Cerium-144	<2.7E-07	µCi/mL	IT
0	Cesium-134	<3.0E-08	µCi/mL	IT
0	Cesium-137	<6.0E-09	µCi/mL	IT
0	Cobalt-58	<5.9E-09	µCi/mL	IT
0	Cobalt-60	<7.8E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<5.9E-09	µCi/mL	IT
0	Niobium-95	<6.5E-09	µCi/mL	IT
0	Nonvolatile beta	3.1E-09±2.8E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.3E-09±4.0E-10	µCi/mL	IT
0	Radium-226	<2.0E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<4.9E-09	µCi/mL	IT
0	Ruthenium-106	<4.7E-08	µCi/mL	IT
0	Sodium-22	<7.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<8.5E-09	µCi/mL	IT
0	Total radium	2.4E-09±2.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.7E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.6E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: 91.66 ft (27.94 m) below TOC
Water elevation: 217.34 ft (66.25 m) msl
Sp. conductance: 105 µS/cm
Water evacuated before sampling: 320 gal

Time: 17:30
pH: 8.1
Alkalinity ($CaCO_3$): 38 mg/L
Water temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.6	pH	GE
0	Specific conductance	101	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	37	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	16,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,530	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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
1	Iron	200	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	480	µg/L	GE
0	Manganese	3.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,000	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	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	32	µg/L	GE
2	Tetrachloroethylene	37	µg/L	MA
0	Total dissolved solids	79,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	21	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	3.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	40	µg/L	GE
2	Trichloroethylene	45	µg/L	MA
0	Zinc	6.3	µg/L	GE
1	Americium-241	3.2E-09 ± 6.0E-10	µCi/mL	IT
0	Antimony-125	<4.0E-08	µCi/mL	IT
0	Cerium-141	<7.4E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cesium-134	<2.5E-08	µCi/mL	IT
0	Cesium-137	<5.2E-09	µCi/mL	IT
0	Cobalt-58	<5.6E-09	µCi/mL	IT
0	Cobalt-60	<6.2E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<5.6E-09	µCi/mL	IT
0	Niobium-95	<5.4E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.5E-09 ± 4.0E-10	µCi/mL	IT
0	Radium-226	<1.9E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<8.8E-08	µCi/mL	IT
0	Ruthenium-103	<4.8E-09	µCi/mL	IT
0	Ruthenium-106	<4.8E-08	µCi/mL	IT
0	Sodium-22	<6.5E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<8.7E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.6E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.1E-07	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.2E-08	µCi/mL	IT

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: 91.57 ft (27.91 m) below TOC
Water elevation: 218.33 ft (66.55 m) msl
Sp. conductance: 49 µS/cm
Water evacuated before sampling: 105 gal

Time: 16:30
pH: 5.8
Alkalinity ($CaCO_3$): 11 mg/L
Water temperature: 16.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	49	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	25	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,820	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Copper	9.2	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	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	90	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	530	µg/L	GE
0	Manganese	12	µg/L	GE
2	Mercury	2.8	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	920	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	49	µg/L	GE
2	Tetrachloroethylene	67	µg/L	MA
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	82	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	3.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	39	µg/L	GE
2	Trichloroethylene	47	µg/L	MA
0	Zinc	14	µg/L	GE
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<5.0E-08	µCi/mL	IT
0	Cerium-141	<9.7E-09	µCi/mL	IT
0	Cerium-144	<3.1E-07	µCi/mL	IT
0	Cesium-134	<3.4E-08	µCi/mL	IT
0	Cesium-137	<6.7E-09	µCi/mL	IT
0	Cobalt-58	<8.7E-09	µCi/mL	IT
0	Cobalt-60	<8.4E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<6.2E-09	µCi/mL	IT
0	Niobium-95	<6.8E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	1.3E-09 ± 7.0E-10	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.5E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.3E-07	µCi/mL	IT
0	Ruthenium-103	<5.9E-09	µCi/mL	IT
0	Ruthenium-106	<6.1E-08	µCi/mL	IT
0	Sodium-22	<7.2E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-08	µCi/mL	IT
0	Total radium	1.3E-09 ± 1.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<4.5E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.4E-07	µCi/mL	IT
0	Zinc-65	<1.8E-08	µCi/mL	IT
0	Zirconium-95	<1.7E-08	µCi/mL	IT

ANALYTICAL RESULTS

WELL ASB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91
Depth to water: 127.28 ft (38.80 m) below TOC
Water elevation: 221.62 ft (67.55 m) msl
Sp. conductance: 104 µS/cm
Water evacuated before sampling: 125 gal

Time: 11:00
pH: 6.6
Alkalinity ($CaCO_3$): 28 mg/L
Water temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	49	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	3.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11,000	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	7,140	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	Chloroform	<1.0	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE

WELL ASB 10C collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
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	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	37	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	Magnesium	840	µg/L	GE
2	Manganese	54	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 methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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-Nitrosopipendine	<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	810	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 ASB 10C collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	870	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	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	152	µg/L	GE
2	Tetrachloroethylene	179	µg/L	MA
0	2,3,4,6-Tetrachlorophenol	<10	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	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	65,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	705	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)	<0.50	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	<10	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	407	µg/L	GE
2	Trichloroethylene	518	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	70	µg/L	GE
1	Americium-241	2.9E-09 ± 5.0E-10	µCi/mL	IT
0	Antimony-125	<8.2E-08	µCi/mL	IT
0	Cerium-141	<1.4E-08	µCi/mL	IT
0	Cerium-144	<6.9E-07	µCi/mL	IT
0	Cesium-134	<8.0E-08	µCi/mL	IT
0	Cesium-137	<1.1E-08	µCi/mL	IT
0	Cobalt-58	<1.1E-08	µCi/mL	IT
0	Cobalt-60	<1.6E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<1.1E-08	µCi/mL	IT
0	Niobium-95	<1.0E-08	µCi/mL	IT
0	Nonvolatile beta	2.3E-09 ± 1.6E-09	µCi/mL	GE
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.1E-09 ± 5.0E-10	µCi/mL	IT
0	Radium-228	<4.1E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<2.2E-07	µCi/mL	IT
0	Ruthenium-103	<1.0E-08	µCi/mL	IT
0	Ruthenium-106	<9.8E-08	µCi/mL	IT
0	Sodium-22	<1.4E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT

WELL ASB 10C collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.6E-08	µCi/mL	IT
0	Total activity	2.0E-05 ± 1.4E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.5E-05 ± 8.0E-07	µCi/mL	GE
0	Uranium-234	1.0E-09 ± 3.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<6.7E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<5.0E-07	µCi/mL	IT
0	Zinc-65	<3.2E-08	µCi/mL	IT
0	Zirconium-95	<2.6E-08	µCi/mL	IT

WELL BG 52

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 — Time: 15:15
Depth to water: 61.40 ft (18.71 m) below TOC — pH: 7.4
Water elevation: 228.40 ft (69.62 m) msl
Sp. conductance: 40 µS/cm — Water temperature: 19.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Gross alpha	1.3E-09 ± 6.4E-10	µCi/mL	EM
0	Nonvolatile beta	2.4E-09 ± 1.1E-09	µCi/mL	EM
2	Total radium	1.4E-08 ± 5.5E-09	µCi/mL	GE
2	Total radium	1.3E-08 ± 5.5E-09	µCi/mL	GE
2	Tritium	6.2E-04 ± 8.1E-06	µCi/mL	EM

WELL BG 54

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 — Time: 9:40
Depth to water: 50.40 ft (15.36 m) below TOC — pH: 6.3
Water elevation: 226.80 ft (69.13 m) msl
Sp. conductance: 50 µS/cm — Water temperature: 16.7°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Mercury	0.38	µg/L	GE
0	Gross alpha	1.0E-09 ± 6.2E-10	µCi/mL	EM
0	Nonvolatile beta	8.8E-09 ± 2.1E-09	µCi/mL	EM
2	Total radium	7.7E-09 ± 4.1E-09	µCi/mL	GE
2	Tritium	8.7E-05 ± 2.0E-06	µCi/mL	EM

WELL BG 55

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 — Time: 10:00
Depth to water: 51.30 ft (15.64 m) below TOC — pH: 5.9
Water elevation: 225.80 ft (68.76 m) msl
Sp. conductance: 43 µS/cm — Water temperature: 16.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Mercury	0.56	µg/L	GE
1	Gross alpha	1.2E-08 ± 2.3E-09	µCi/mL	EM
0	Nonvolatile beta	1.4E-08 ± 2.8E-09	µCi/mL	EM
2	Total radium	1.0E-08 ± 4.6E-09	µCi/mL	GE
2	Tritium	3.1E-03 ± 5.2E-05	µCi/mL	EM

WELL BG 59

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 — Time: 10:10
Depth to water: 54.50 ft (16.61 m) below TOC — pH: 6.6
Water elevation: 226.20 ft (69.56 m) msl
Sp. conductance: 82 µS/cm — Water temperature: 16.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Mercury	0.56	µg/L	GE
0	Gross alpha	1.2E-09 ± 6.5E-10	µCi/mL	EM
0	Nonvolatile beta	2.5E-09 ± 1.1E-09	µCi/mL	EM

ANALYTICAL RESULTS

WELL BG 59 collected on 01/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Total radium	2.7E-08 ± 7.0E-09	µCi/mL	GE
1	Tritium	1.8E-05 ± 1.1E-06	µCi/mL	EM

WELL BG 60

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 — Time: 10:20
Depth to water: 46.00 ft (14.02 m) below TOC — pH: 6.8
Water elevation: 229.50 ft (69.95 m) msl
Sp. conductance: 28 µS/cm — Water temperature: 15.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Mercury	0.56	µg/L	GE
0	Gross alpha	1.8E-09 ± 7.7E-10	µCi/mL	EM
0	Nonvolatile beta	2.6E-09 ± 1.2E-09	µCi/mL	EM
1	Total radium	3.3E-09 ± 3.4E-09	µCi/mL	GE
1	Tritium	1.8E-05 ± 1.0E-06	µCi/mL	EM

WELL BG 61

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 — Time: 10:40
Depth to water: 43.60 ft (13.29 m) below TOC — pH: 6.8
Water elevation: 231.40 ft (70.53 m) msl
Sp. conductance: 44 µS/cm — Water temperature: 16.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Mercury	0.56	µg/L	GE
0	Gross alpha	1.7E-09 ± 7.6E-10	µCi/mL	EM
0	Nonvolatile beta	2.2E-09 ± 1.1E-09	µCi/mL	EM
2	Total radium	1.0E-08 ± 4.7E-09	µCi/mL	GE
1	Tritium	1.3E-05 ± 9.5E-07	µCi/mL	EM

WELL BG 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 — Time: 13:10
Depth to water: 60.30 ft (18.38 m) below TOC — pH: 7.4
Water elevation: 234.40 ft (71.45 m) msl
Sp. conductance: 38 µS/cm — Water temperature: 19.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Mercury	13	µg/L	GE
0	Gross alpha	1.1E-09 ± 6.1E-10	µCi/mL	EM
0	Nonvolatile beta	1.7E-09 ± 1.0E-09	µCi/mL	EM
2	Total radium	1.3E-08 ± 5.8E-09	µCi/mL	GE
2	Tritium	7.4E-05 ± 1.9E-06	µCi/mL	EM

WELL BG 91

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91 — Time: 9:35
Depth to water: 54.53 ft (16.62 m) below TOC — pH: 5.2
Water elevation: 218.87 ft (66.71 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 45 µS/cm — Water temperature: 17.2°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	35	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.8	mg/L	GE
0	Alkalinity (as $CaCO_3$)	2.8	mg/L	GE
0	Aluminum	25	µg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Barium	9.3	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE

WELL BG 91 collected on 02/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lindane	< 0.0050	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,200	µg/L	GE
0	Calcium	2,000	µg/L	GE
0	Chloride	2,760	µg/L	GE
0	Chloride	2,750	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	61	µg/L	GE
0	Copper	55	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 0.0060	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
1	Iron	270	µg/L	GE
1	Iron	230	µg/L	GE
1	Lead	25	µg/L	GE
0	Lead	22	µg/L	GE
0	Magnesium	740	µg/L	GE
0	Magnesium	670	µg/L	GE
0	Manganese	13	µg/L	GE
0	Manganese	12	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	9.3	µg/L	GE
0	Nickel	7.2	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	6,600	µg/L	GE
0	Silica	6,100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,700	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	13,300	µg/L	GE
0	Sulfate	14,600	µg/L	GE
2	Total carbon	12,000	µg/L	GE
2	Total carbon	11,000	µg/L	GE
0	Total dissolved solids	42,000	µg/L	GE
0	Total dissolved solids	39,000	µg/L	GE
2	Total inorganic carbon	12,000	µg/L	GE
2	Total inorganic carbon	11,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	25	µg/L	GE
0	Zinc	19	µg/L	GE
0	Antimony-125	< 5.5E-08	µCi/mL	IT
0	Cerium-141	< 1.1E-08	µCi/mL	IT
0	Cerium-144	< 5.3E-07	µCi/mL	IT
0	Cesium-134	< 4.7E-08	µCi/mL	IT
0	Cesium-137	< 8.2E-09	µCi/mL	IT
0	Cobalt-58	< 7.9E-09	µCi/mL	IT
0	Cobalt-60	< 9.1E-09	µCi/mL	IT
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Manganese-54	< 7.6E-09	µCi/mL	IT
0	Niobium-95	< 7.8E-09	µCi/mL	IT
0	Nonvolatile beta	4.2E-09 ± 3.7E-09	µCi/mL	GE
0	Nonvolatile beta	4.0E-09 ± 3.7E-09	µCi/mL	GE
0	Radium-226	< 3.1E-08	µCi/mL	IT
0	Radium-228	< 1.4E-07	µCi/mL	IT
0	Ruthenium-103	< 8.0E-09	µCi/mL	IT
0	Ruthenium-106	< 8.8E-08	µCi/mL	IT
0	Sodium-22	< 8.8E-09	µCi/mL	IT
0	Thorium-232	< 1.2E-08	µCi/mL	IT
0	Total radium	< 1.0E-09	µCi/mL	GE
2	Tritium	2.0E-04 ± 2.1E-06	µCi/mL	GE
2	Tritium	2.1E-04 ± 2.1E-06	µCi/mL	GE
0	Uranium-235	< 5.1E-08	µCi/mL	IT
0	Uranium-238	< 3.8E-07	µCi/mL	IT

WELL BG 91 collected on 02/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Zinc-65	<2.4E-08	µCi/mL	IT
0	Zirconium-95	<1.8E-08	µCi/mL	IT

WELL BG 92

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91
Depth to water: 46.05 ft (14.04 m) below TOC
Water elevation: 209.15 ft (63.75 m) msl
Sp. conductance: 231 µS/cm
Water evacuated before sampling: 15 gal
The well went dry during purging.

Time: 10:20
pH: 7.4
Alkalinity ($CaCO_3$): 94 mg/L
Water temperature: 16.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	GE
0	Specific conductance	145	µS/cm	GE
2	Alkalinity (as $CaCO_3$)	94	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	220	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	16,000	µg/L	GE
0	Chloride	1,630	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	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	44	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	800	µg/L	GE
1	Manganese	25	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	12,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,500	µg/L	GE
0	Sulfate	4,830	µg/L	GE
2	Total carbon	26,000	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
2	Total inorganic carbon	26,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	74	µg/L	GE
0	Antimony-125	<7.2E-08	µCi/mL	IT
0	Cerium-141	<1.4E-08	µCi/mL	IT
0	Cerium-144	<6.7E-07	µCi/mL	IT
0	Cesium-134	<5.6E-08	µCi/mL	IT
0	Cesium-137	<1.0E-08	µCi/mL	IT
0	Cobalt-58	<9.8E-09	µCi/mL	IT
0	Cobalt-60	<1.3E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<9.0E-09	µCi/mL	IT
0	Niobium-95	<9.0E-09	µCi/mL	IT
0	Nonvolatile beta	3.3E-09 ± 3.3E-09	µCi/mL	GE
0	Radium-226	<3.8E-08	µCi/mL	IT
0	Radium-228	<1.6E-07	µCi/mL	IT
0	Ruthenium-103	<1.0E-08	µCi/mL	IT
0	Ruthenium-106	<9.3E-08	µCi/mL	IT
0	Sodium-22	<1.2E-08	µCi/mL	IT
0	Thorium-232	<1.5E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.3E-06 ± 4.0E-07	µCi/mL	GE
0	Uranium-235	<6.5E-08	µCi/mL	IT
0	Uranium-238	<4.7E-07	µCi/mL	IT
0	Zinc-65	<3.1E-08	µCi/mL	IT
0	Zirconium-95	<2.3E-08	µCi/mL	IT

WELL BG 93

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91
Depth to water: 57.28 ft (17.48 m) below TOC
Water elevation: 201.22 ft (61.33 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 80 gal

Time: 10:50
pH: 6.0
Alkalinity ($CaCO_3$): 9 mg/L
Water temperature: 17.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	59	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	16	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	250	µg/L	GE
0	Chloride	2,150	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	27	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	Iodine	<100	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	66	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	6.5	µg/L	GE
0	Nitrate as nitrogen	120	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE
0	Sulfate	15,800	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	45	µg/L	GE
0	Antimony-125	<5.2E-08	µCi/mL	IT
0	Cerium-141	<8.1E-09	µCi/mL	IT
0	Cerium-144	<1.7E-07	µCi/mL	IT
0	Cesium-134	<3.7E-08	µCi/mL	IT
0	Cesium-137	<7.9E-09	µCi/mL	IT
0	Cobalt-58	<8.4E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<7.5E-09	µCi/mL	IT
0	Niobium-95	<7.4E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<6.6E-09	µCi/mL	IT
0	Ruthenium-106	<8.2E-08	µCi/mL	IT
0	Sodium-22	<1.0E-08	µCi/mL	IT
2	Thorium-232	1.2E-08 ± 2.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	6.4E-06 ± 4.0E-07	µCi/mL	GE
0	Uranium-235	<2.7E-08	µCi/mL	IT
2	Uranium-238	4.3E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<2.2E-08	µCi/mL	IT
0	Zirconium-95	<1.7E-08	µCi/mL	IT

ANALYTICAL RESULTS

WELL BG 94

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91
Depth to water: 58.94 ft (17.97 m) below TOC
Water elevation: 191.86 ft (58.48 m) msl
Sp. conductance: 104 µS/cm
Water evacuated before sampling: 108 gal
Time: 14:55
pH: 5.7
Alkalinity ($CaCO_3$): 10 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	pH	6.1	pH	GE
0	pH	5.9	pH	IT
0	Specific conductance	84	µS/cm	GE
0	Specific conductance	84	µS/cm	GE
0	Specific conductance	98	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	13	mg/L	GE
0	Alkalinity (as $CaCO_3$)	13	mg/L	GE
0	Alkalinity (as $CaCO_3$)	12	mg/L	IT
0	Aluminum	45	µg/L	GE
0	Aluminum	23	µg/L	GE
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	28	µg/L	GE
0	Barium	26	µg/L	GE
0	Barium	25	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,600	µg/L	GE
0	Calcium	4,500	µg/L	GE
0	Calcium	3,860	µg/L	IT
0	Chloride	2,770	µg/L	GE
0	Chloride	2,780	µg/L	GE
0	Chloride	2,730	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	12	µg/L	GE
0	Copper	11	µg/L	GE
0	Copper	10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	IT
0	Iron	44	µg/L	GE
0	Iron	40	µg/L	GE
0	Iron	25	µg/L	IT
0	Lead	4.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	660	µg/L	GE
0	Magnesium	640	µg/L	GE
0	Magnesium	575	µg/L	IT
2	Manganese	75	µg/L	GE
2	Manganese	73	µg/L	GE
2	Manganese	74	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	2.6	µg/L	IT
0	Nitrate as nitrogen	210	µg/L	GE
0	Nitrate as nitrogen	220	µg/L	GE
0	Nitrate as nitrogen	210	µg/L	IT
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
2	Nitrite as nitrogen	1,600	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE

WELL BG 94 collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	6,500	µg/L	GE
0	Silica	6,600	µg/L	GE
0	Silica	4,930	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	14,000	µg/L	GE
0	Sodium	13,000	µg/L	GE
0	Sodium	11,500	µg/L	IT
0	Sulfate	23,500	µg/L	GE
0	Sulfate	23,600	µg/L	GE
0	Sulfate	26,500	µg/L	IT
0	Total carbon	4,000	µg/L	GE
0	Total carbon	3,000	µg/L	GE
1	Total carbon	8,830	µg/L	IT
0	Total dissolved solids	76,000	µg/L	GE
0	Total dissolved solids	77,000	µg/L	GE
0	Total dissolved solids	28,000	µg/L	IT
0	Total dissolved solids	23,000	µg/L	IT
0	Total inorganic carbon	4,000	µg/L	GE
0	Total inorganic carbon	3,000	µg/L	GE
1	Total inorganic carbon	8,810	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,030	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
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	IT
0	Total phosphates (as P)	210	µg/L	GE
0	Total phosphates (as P)	220	µg/L	GE
1	Total phosphates (as P)	245	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<75	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<1.0	µg/L	IT
0	Zinc	1,100	µg/L	GE
0	Zinc	1,000	µg/L	GE
0	Zinc	1,090	µg/L	IT
0	Antimony-125	<5.5E-08	µCi/mL	IT
0	Cerium-141	<1.0E-08	µCi/mL	IT
0	Cerium-144	<3.6E-07	µCi/mL	IT
0	Cesium-134	<4.2E-08	µCi/mL	IT
0	Cesium-137	<7.3E-09	µCi/mL	IT
0	Cobalt-58	<7.3E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<6.6E-09	µCi/mL	IT
0	Niobium-95	<8.6E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<2.5E-08	µCi/mL	IT
0	Radium-228	<1.3E-07	µCi/mL	IT
0	Ruthenium-103	<7.0E-09	µCi/mL	IT
0	Ruthenium-106	<7.2E-08	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
0	Thorium-232	<1.2E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	4.8E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	5.0E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	4.0E-06 ± 4.0E-07	µCi/mL	IT
0	Uranium-235	<5.0E-08	µCi/mL	IT
0	Uranium-238	<1.6E-07	µCi/mL	IT
0	Zinc-65	<1.7E-08	µCi/mL	IT
0	Zirconium-95	<1.8E-08	µCi/mL	IT

WELL BG 94

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 Time: 14:55
Depth to water: 58.94 ft (17.97 m) below TOC pH: 5.7
Water elevation: 191.86 ft (58.48 m) msl Alkalinity ($CaCO_3$): 10 mg/L
Sp. conductance: 104 µS/cm Water temperature: 18.6°C
Water evacuated before sampling: 108 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	6.0	pH	IT
0	Specific conductance	73	µS/cm	GE
0	Specific conductance	98	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	13	mg/L	GE
1	Alkalinity (as $CaCO_3$)	19	mg/L	IT
0	Alkalinity (as $CaCO_3$)	18	mg/L	IT
0	Aluminum	20	µg/L	GE
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	24	µg/L	GE
0	Barium	23	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,100	µg/L	GE
0	Calcium	4,120	µg/L	IT
0	Chloride	2,760	µg/L	GE
0	Chloride	2,650	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	10	µg/L	GE
0	Copper	9.4	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	IT
0	Iron	28	µg/L	GE
0	Iron	71	µg/L	IT
0	Lead	4.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	570	µg/L	GE
0	Magnesium	533	µg/L	IT
2	Manganese	66	µg/L	GE
2	Manganese	67	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	2.8	µg/L	IT
0	Nitrate as nitrogen	210	µg/L	GE
0	Nitrate as nitrogen	210	µg/L	IT
0	Nitrite as nitrogen	<10	µg/L	GE
2	Nitrite as nitrogen	1,680	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	6,700	µg/L	GE
0	Silica	6,270	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	12,000	µg/L	GE
0	Sodium	10,800	µg/L	IT
0	Sulfate	3,150	µg/L	GE
0	Sulfate	25,700	µg/L	IT
2	Total carbon	11,000	µg/L	GE
1	Total carbon	7,730	µg/L	IT
0	Total dissolved solids	75,000	µg/L	GE
0	Total dissolved solids	59,000	µg/L	IT
2	Total inorganic carbon	11,000	µg/L	GE
1	Total inorganic carbon	7,600	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,620	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	210	µg/L	GE
0	Total phosphates (as P)	223	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Uranium	<1,000	µg/L	GE

WELL BG 94 collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Uranium	<75	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<1.0	µg/L	IT
0	Zinc	960	µg/L	GE
0	Zinc	969	µg/L	IT
0	Antimony-125	<4.7E-08	µCi/mL	IT
0	Cerium-141	<5.8E-09	µCi/mL	IT
0	Cerium-144	<1.6E-07	µCi/mL	IT
0	Cesium-134	<3.6E-08	µCi/mL	IT
0	Cesium-137	<8.1E-09	µCi/mL	IT
0	Cobalt-58	<8.1E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Manganese-54	<8.1E-09	µCi/mL	IT
0	Niobium-95	<7.1E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<2.0E-08	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<8.5E-09	µCi/mL	IT
0	Ruthenium-106	<8.5E-08	µCi/mL	IT
0	Sodium-22	<1.2E-08	µCi/mL	IT
2	Thorium-232	1.3E-08 ± 2.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	5.0E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	3.9E-06 ± 4.0E-07	µCi/mL	IT
0	Uranium-235	<2.8E-08	µCi/mL	IT
2	Uranium-238	4.2E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<1.8E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT

WELL BG 95

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 Time: 14:00
Depth to water: 29.03 ft (8.85 m) below TOC pH: 5.2
Water elevation: 193.47 ft (58.97 m) msl Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 58 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 113 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.2	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,200	µg/L	GE
0	Chloride	3,050	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	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	Iodine	<100	µg/L	GE
0	Iron	53	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	410	µg/L	GE
0	Manganese	7.0	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	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	Selenium	<2.0	µg/L	GE
0	Silica	6,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,400	µg/L	GE
0	Sulfate	13,300	µg/L	GE
2	Total carbon	12,000	µg/L	GE
0	Total dissolved solids	45,000	µg/L	GE
2	Total inorganic carbon	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	390	µg/L	GE
0	Antimony-125	<3.6E-08	µCi/mL	IT
0	Cerium-141	<4.0E-09	µCi/mL	IT
0	Cerium-144	<1.1E-07	µCi/mL	IT
0	Cesium-134	<2.4E-08	µCi/mL	IT
0	Cesium-137	<4.9E-09	µCi/mL	IT
0	Cobalt-58	<5.7E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL BG 95 collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cobalt-60	<6.5E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<5.1E-09	µCi/mL	IT
0	Niobium-95	<4.7E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<1.3E-08	µCi/mL	IT
0	Radium-228	<7.4E-08	µCi/mL	IT
0	Ruthenium-103	<4.1E-09	µCi/mL	IT
0	Ruthenium-106	<3.9E-08	µCi/mL	IT
0	Sodium-22	<8.4E-09	µCi/mL	IT
2	Thorium-232	1.3E-08 ± 2.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	7.5E-08 ± 4.0E-07	µCi/mL	GE
0	Uranium-235	<1.7E-08	µCi/mL	IT
2	Uranium-238	4.4E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.0E-08	µCi/mL	IT

WELL BG 96

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91
Depth to water: 48.53 ft (14.18 m) below TOC
Water elevation: 198.67 ft (60.56 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 62 gal
Time: 13:10
pH: 5.6
Alkalinity ($CaCO_3$): 6 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	7.8	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,400	µg/L	GE
0	Chloride	2,230	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	13	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	Iodine	<100	µg/L	GE
0	Iron	25	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Manganese	2.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	870	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	11	µg/L	GE
0	Antimony-125	<4.8E-08	µCi/mL	IT
0	Cerium-141	<9.0E-09	µCi/mL	IT
0	Cerium-144	<4.2E-07	µCi/mL	IT
0	Cesium-134	<3.4E-08	µCi/mL	IT
0	Cesium-137	<8.3E-09	µCi/mL	IT
0	Cobalt-58	<8.5E-09	µCi/mL	IT
0	Cobalt-60	<7.1E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<8.0E-09	µCi/mL	IT
0	Niobium-95	<6.1E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<2.4E-08	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<6.3E-09	µCi/mL	IT
0	Ruthenium-106	<5.2E-08	µCi/mL	IT
0	Sodium-22	<7.1E-09	µCi/mL	IT
0	Thorium-232	<9.3E-09	µCi/mL	IT
0	Total radium	1.7E-09 ± 2.6E-09	µCi/mL	GE
1	Tritium	1.2E-05 ± 5.0E-07	µCi/mL	GE
0	Uranium-235	<4.1E-08	µCi/mL	IT

WELL BG 96 collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Uranium-238	<2.9E-07	µCi/mL	IT
0	Zinc-65	<1.8E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT

WELL BG 101

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91
Depth to water: 35.70 ft (10.88 m) below TOC
Water elevation: 195.70 ft (59.65 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 95 gal
Time: 16:15
pH: 5.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.2	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	950	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	39	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	Iodine	<100	µg/L	GE
0	Iron	21	µg/L	GE
0	Lead	11	µg/L	GE
0	Magnesium	340	µg/L	GE
0	Manganese	7.1	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	530	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	6,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	73	µg/L	GE
0	Antimony-125	<7.9E-08	µCi/mL	IT
0	Cerium-141	<1.6E-08	µCi/mL	IT
0	Cerium-144	<7.5E-07	µCi/mL	IT
0	Cesium-134	<6.2E-08	µCi/mL	IT
0	Cesium-137	<1.0E-08	µCi/mL	IT
0	Cobalt-58	<1.1E-08	µCi/mL	IT
0	Cobalt-60	<1.3E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<1.0E-08	µCi/mL	IT
0	Niobium-95	<1.1E-08	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<4.5E-08	µCi/mL	IT
0	Radium-228	<1.8E-07	µCi/mL	IT
0	Ruthenium-103	<1.0E-08	µCi/mL	IT
0	Ruthenium-106	<9.6E-08	µCi/mL	IT
0	Sodium-22	<1.2E-08	µCi/mL	IT
0	Thorium-232	<1.7E-08	µCi/mL	IT
0	Total activity	2.3E-04 ± 3.4E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.8E-04 ± 2.5E-06	µCi/mL	GE
0	Uranium-235	<7.1E-08	µCi/mL	IT
0	Uranium-238	<5.2E-07	µCi/mL	IT
0	Zinc-65	<2.8E-08	µCi/mL	IT
0	Zirconium-95	<2.8E-08	µCi/mL	IT

WELL BG 103

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 Time: 15:55
Inaccessibility or pump failure prevented sample collection.

WELL BG 104

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91 Time: 11:45
Depth to water: Not available pH: 7.5
Water elevation: Not available Alkalinity ($CaCO_3$): 42 mg/L
Sp. conductance: 111 µS/cm Water temperature: 17.2°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	90	µS/cm	GE
2	Alkalinity (as $CaCO_3$)	47	mg/L	GE
0	Aluminum	66	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	13,000	µg/L	GE
0	Chloride	2,450	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	7.2	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	42	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	220	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	5.6	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	680	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	2,200	µg/L	GE
0	Sulfate	2,690	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	65,000	µg/L	GE
0	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	19	µg/L	GE
0	Antimony-125	<3.3E-08	µCi/mL	IT
0	Cerium-141	<4.1E-09	µCi/mL	IT
0	Cerium-144	<1.1E-07	µCi/mL	IT
0	Cesium-134	<2.6E-08	µCi/mL	IT
0	Cesium-137	<5.4E-09	µCi/mL	IT
0	Cobalt-58	<5.1E-09	µCi/mL	IT
0	Cobalt-60	<8.7E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<5.2E-09	µCi/mL	IT
0	Niobium-95	<4.7E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Radium-226	1.3E-08 ± 2.0E-09	µCi/mL	IT
0	Radium-228	<7.4E-08	µCi/mL	IT
0	Ruthenium-103	<4.1E-09	µCi/mL	IT
0	Ruthenium-106	<3.9E-08	µCi/mL	IT
0	Sodium-22	<5.5E-09	µCi/mL	IT
0	Thorium-232	<1.8E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.6E-05 ± 6.0E-07	µCi/mL	GE
0	Uranium-235	<1.8E-08	µCi/mL	IT
2	Uranium-238	4.5E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.1E-08	µCi/mL	IT

WELL BG 107

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91 Time: 13:45
Depth to water: 13.35 ft (4.07 m) below TOC pH: 5.3
Water elevation: 234.95 ft (71.61 m) msl Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 35 µS/cm Water temperature: 18.0°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	13	mg/L	GE
0	Aluminum	21	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,000	µg/L	GE
0	Chloride	2,240	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	6.3	µg/L	GE
0	Copper	13	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	Iodine	<100	µg/L	GE
2	Iron	1,400	µg/L	GE
0	Lead	22	µg/L	GE
0	Magnesium	530	µg/L	GE
2	Manganese	130	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	570	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	6,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Total carbon	21,000	µg/L	GE
0	Total dissolved solids	30,000	µg/L	GE
2	Total inorganic carbon	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
1	Zinc	4,200	µg/L	GE
0	Antimony-125	<3.0E-08	µCi/mL	IT
0	Cerium-141	<3.3E-09	µCi/mL	IT
0	Cerium-144	<9.0E-08	µCi/mL	IT
0	Cesium-134	<2.0E-08	µCi/mL	IT
0	Cesium-137	<4.3E-09	µCi/mL	IT
0	Cobalt-58	<4.4E-09	µCi/mL	IT
0	Cobalt-60	<5.4E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<4.1E-09	µCi/mL	IT
0	Niobium-95	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Radium-226	1.5E-08 ± 2.0E-09	µCi/mL	IT
0	Radium-228	<6.1E-08	µCi/mL	IT
0	Ruthenium-103	<3.5E-09	µCi/mL	IT
0	Ruthenium-106	<3.3E-08	µCi/mL	IT
0	Sodium-22	<5.5E-09	µCi/mL	IT
2	Thorium-232	1.2E-08 ± 2.0E-09	µCi/mL	IT
0	Total radium	1.3E-09 ± 2.6E-09	µCi/mL	GE
2	Tritium	2.6E-05 ± 8.0E-07	µCi/mL	GE
0	Uranium-235	<1.5E-08	µCi/mL	IT
2	Uranium-238	4.4E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<1.0E-08	µCi/mL	IT
0	Zirconium-95	<9.1E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL BG 108

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91 Time: 13:10
Depth to water: 29.81 ft (9.09 m) below TOC pH: 5.4
Water elevation: 237.49 ft (72.39 m) msl Alkalinity ($CaCO_3$): 13 mg/L
Sp. conductance: 44 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	13	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	44	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,200	µg/L	GE
0	Chloride	1,670	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	100	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	Iodine	<100	µg/L	GE
0	Iron	79	µg/L	GE
2	Lead	53	µg/L	GE
0	Magnesium	1,200	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	7.6	µg/L	GE
0	Nitrate as nitrogen	1,290	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Total carbon	26,000	µg/L	GE
0	Total dissolved solids	27,000	µg/L	GE
2	Total inorganic carbon	26,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	160	µg/L	GE
0	Antimony-125	<4.2E-08	µCi/mL	IT
0	Cerium-141	<8.0E-09	µCi/mL	IT
0	Cerium-144	<3.6E-07	µCi/mL	IT
0	Cesium-134	<3.0E-08	µCi/mL	IT
0	Cesium-137	<5.6E-09	µCi/mL	IT
0	Cobalt-58	<5.4E-09	µCi/mL	IT
0	Cobalt-60	<6.8E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<5.4E-09	µCi/mL	IT
0	Niobium-95	<5.4E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<2.2E-08	µCi/mL	IT
0	Radium-228	<9.7E-08	µCi/mL	IT
0	Ruthenium-103	<5.3E-09	µCi/mL	IT
0	Ruthenium-106	<4.7E-08	µCi/mL	IT
0	Sodium-22	<6.0E-09	µCi/mL	IT
0	Thorium-232	<8.1E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.4E-05 ± 9.0E-07	µCi/mL	GE
0	Uranium-235	<3.5E-08	µCi/mL	IT
0	Uranium-238	<2.6E-07	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.2E-08	µCi/mL	IT

WELL BG 109

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91 Time: 12:35
Depth to water: 48.10 ft (14.66 m) below TOC pH: 5.3
Water elevation: 238.30 ft (72.63 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 44 µS/cm Water temperature: 17.8°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	33	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.2	mg/L	GE
0	Aluminum	39	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	560	µg/L	GE
0	Chloride	2,620	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	200	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	Iodine	<100	µg/L	GE
0	Iron	42	µg/L	GE
1	Lead	30	µg/L	GE
0	Magnesium	330	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	Nickel	5.6	µg/L	GE
0	Nitrate as nitrogen	3,030	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	5,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,600	µg/L	GE
0	Sulfate	1,010	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	27,000	µg/L	GE
0	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	53	µg/L	GE
0	Antimony-125	<6.2E-08	µCi/mL	IT
0	Cerium-141	<1.1E-08	µCi/mL	IT
0	Cerium-144	<5.0E-08	µCi/mL	IT
0	Cesium-134	<4.1E-08	µCi/mL	IT
0	Cesium-137	<8.3E-09	µCi/mL	IT
0	Cobalt-58	<7.4E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<7.6E-09	µCi/mL	IT
0	Niobium-95	<7.3E-09	µCi/mL	IT
0	Nonvolatile beta	2.2E-08 ± 2.7E-09	µCi/mL	GE
0	Radium-226	<3.0E-08	µCi/mL	IT
0	Radium-228	<1.4E-07	µCi/mL	IT
0	Ruthenium-103	<7.5E-09	µCi/mL	IT
0	Ruthenium-106	<6.7E-08	µCi/mL	IT
0	Sodium-22	<9.9E-09	µCi/mL	IT
0	Thorium-232	<1.2E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.4E-05 ± 9.0E-07	µCi/mL	GE
0	Uranium-235	<5.0E-08	µCi/mL	IT
0	Uranium-238	<3.6E-07	µCi/mL	IT
0	Zinc-65	<1.9E-08	µCi/mL	IT
0	Zirconium-95	<1.9E-08	µCi/mL	IT

WELL BG 110

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91 Time: 12:10
Depth to water: 55.36 ft (16.87 m) below TOC pH: 5.2
Water elevation: 238.94 ft (72.83 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 71 µS/cm Water temperature: 17.0°C
Water evacuated before sampling: 31 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	7.8	mg/L	GE
1	Aluminum	200	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	120	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Chloride	3,790	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	140	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	Iodine	<100	µg/L	GE
0	Iron	100	µg/L	GE
0	Lead	20	µg/L	GE
0	Magnesium	3,000	µg/L	GE
2	Manganese	77	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	7.6	µg/L	GE
0	Nitrate as nitrogen	4,700	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,500	µg/L	GE
0	Sulfate	1,810	µg/L	GE
2	Total carbon	13,000	µg/L	GE
0	Total dissolved solids	49,000	µg/L	GE
2	Total inorganic carbon	13,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	360	µg/L	GE
0	Antimony-125	<5.2E-08	µCi/mL	IT
0	Cerium-141	<5.8E-09	µCi/mL	IT
0	Cerium-144	<1.5E-07	µCi/mL	IT
0	Cesium-134	<3.5E-08	µCi/mL	IT
0	Cesium-137	<7.1E-09	µCi/mL	IT
0	Cobalt-58	<7.5E-09	µCi/mL	IT
0	Cobalt-60	<9.5E-09	µCi/mL	IT
0	Gross alpha	2.0E-09 ± 1.8E-09	µCi/mL	GE
0	Manganese-54	<7.4E-09	µCi/mL	IT
0	Niobium-95	<7.1E-09	µCi/mL	IT
0	Nonvolatile beta	6.6E-09 ± 3.1E-09	µCi/mL	GE
0	Radium-226	<1.9E-08	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<5.9E-09	µCi/mL	IT
0	Ruthenium-106	<6.0E-08	µCi/mL	IT
0	Sodium-22	<8.8E-09	µCi/mL	IT
0	Thorium-232	<1.8E-08	µCi/mL	IT
1	Total radium	3.8E-09 ± 3.2E-09	µCi/mL	GE
2	Tritium	3.4E-05 ± 9.0E-07	µCi/mL	GE
0	Uranium-235	<2.5E-08	µCi/mL	IT
2	Uranium-238	4.3E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<1.9E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT

WELL BG 121

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91 Time: 14:20
Depth to water: 69.91 ft (21.31 m) below TOC pH: 5.9
Water elevation: 207.99 ft (63.40 m) msl Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 30 µS/cm Water temperature: 16.0°C
Water evacuated before sampling: 4 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	29	µS/cm	GE
U	Alkalinity (as $CaCO_3$)	10	mg/L	GE
0	Aluminum	30	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	870	µg/L	GE
0	Chloride	3,620	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	580	µg/L	GE
1	Manganese	29	µg/L	GE
1	Mercury	1.5	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.6	µg/L	GE
0	Nitrate as nitrogen	220	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	1,040	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	41,000	µg/L	GE
0	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	1,800	µg/L	GE
0	Antimony-125	<7.0E-08	µCi/mL	IT
0	Cerium-141	<1.3E-08	µCi/mL	IT
0	Cerium-144	<8.3E-07	µCi/mL	IT
0	Cesium-134	<5.2E-08	µCi/mL	IT
0	Cesium-137	<9.2E-09	µCi/mL	IT
0	Cobalt-58	<9.3E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	3.4E-09 ± 2.1E-09	µCi/mL	GE
0	Manganese-54	<8.9E-09	µCi/mL	IT
0	Niobium-95	<8.9E-09	µCi/mL	IT
0	Nonvolatile beta	5.1E-09 ± 3.0E-09	µCi/mL	GE
0	Radium-226	<3.7E-08	µCi/mL	IT
0	Radium-228	<1.7E-07	µCi/mL	IT
0	Ruthenium-103	<8.9E-09	µCi/mL	IT
0	Ruthenium-106	<8.0E-08	µCi/mL	IT
0	Sodium-22	<8.8E-09	µCi/mL	IT
0	Thorium-232	<1.4E-08	µCi/mL	IT
1	Total radium	3.4E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	9.2E-06 ± 5.0E-07	µCi/mL	GE
0	Uranium-235	<8.3E-08	µCi/mL	IT
0	Uranium-238	<4.5E-07	µCi/mL	IT
0	Zinc-65	<2.4E-08	µCi/mL	IT
0	Zirconium-95	<2.0E-08	µCi/mL	IT

ANALYTICAL RESULTS

WELL BG 122

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91 — Time: 10:05
Depth to water: 37.03 ft (11.29 m) below TOC — pH: 5.8
Water elevation: 210.87 ft (64.27 m) msl — Alkalinity ($CaCO_3$): 9 mg/L
Sp. conductance: 83 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 80 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	49	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	10	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	370	µg/L	GE
0	Chloride	2,840	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	21	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	Iodine	<100	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	150	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	250	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,400	µg/L	GE
0	Sulfate	11,200	µg/L	GE
2	Total carbon	13,000	µg/L	GE
0	Total dissolved solids	37,000	µg/L	GE
2	Total inorganic carbon	13,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	32	µg/L	GE
0	Antimony-125	<7.1E-08	µCi/mL	IT
0	Cerium-141	<1.4E-08	µCi/mL	IT
0	Cerium-144	<6.6E-07	µCi/mL	IT
0	Cesium-134	<5.5E-08	µCi/mL	IT
0	Cesium-137	<9.9E-08	µCi/mL	IT
0	Cobalt-58	<9.3E-09	µCi/mL	IT
0	Cobalt-60	<1.2E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<1.0E-08	µCi/mL	IT
0	Niobium-95	<9.2E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<3.9E-08	µCi/mL	IT
0	Radium-228	<1.7E-07	µCi/mL	IT
0	Ruthenium-103	<9.3E-09	µCi/mL	IT
0	Ruthenium-106	<9.2E-08	µCi/mL	IT
0	Sodium-22	<1.4E-08	µCi/mL	IT
0	Thorium-232	<1.5E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.4E-05 ± 8.0E-07	µCi/mL	GE
0	Uranium-235	<6.5E-08	µCi/mL	IT
0	Uranium-238	<4.8E-07	µCi/mL	IT
0	Zinc-65	<2.6E-08	µCi/mL	IT
0	Zirconium-95	<2.1E-08	µCi/mL	IT

WELL BG 125

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91 — Time: 11:40
The well was dry.

WELL BGO 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 — Time: 9:25
Depth to water: 58.61 ft (17.86 m) below TOC — pH: 4.7
Water elevation: 238.48 ft (72.08 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 47 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	IT
0	Specific conductance	43	µS/cm	IT
0	Turbidity	21	NTU	IT
0	Aluminum	70	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	10	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	140	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,700	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	5.6	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00071	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.0014	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.0012	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00076	µg/L	IT
0	Iron	12	µg/L	IT
0	Lead	3.8	µg/L	IT
0	Magnesium	152	µg/L	IT
0	Manganese	16	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	3,120	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0013	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0018	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0014	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00096	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,150	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	6,160	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0010	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0013	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	19,000	µg/L	IT
0	Total organic carbon	1,140	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	40	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<10	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	6.3E-09 ± 2.7E-09	µCi/mL	IT
0	Nonvolatile beta	5.1E-09 ± 2.9E-09	µCi/mL	IT
0	Total radium	1.6E-09 ± 4.0E-10	µCi/mL	IT
1	Tritium	1.4E-05 ± 2.0E-06	µCi/mL	IT

WELL BGO 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 13:05
Depth to water: 60.38 ft (18.40 m) below TOC pH: 4.6
Water elevation: 238.52 ft (72.09 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 46 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 46 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	pH	4.8	pH	IT
0	Specific conductance	35	µS/cm	IT
0	Turbidity	0.48	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	71	µg/L	IT
0	Aluminum	67	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	18	µg/L	IT
0	Barium	18	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,090	µg/L	IT
0	Calcium	1,060	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,630	µg/L	IT
0	Chloride	2,720	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	3.9	µg/L	IT
0	Copper	8.8	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT

WELL BGO 2D collected on 01/31/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00097	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00098	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.00078	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00073	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno(1,2,3-c,d)pyrene	<10	µg/L	IT
0	Iron	10	µg/L	IT
0	Iron	9.1	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	3.4	µg/L	IT
0	Magnesium	975	µg/L	IT
0	Magnesium	966	µg/L	IT
0	Manganese	1.9	µg/L	IT
0	Manganese	1.9	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,220	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0017	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0014	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0030	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00096	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
1	Phenols	58	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,710	µg/L	IT
0	Silica	5,650	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,200	µg/L	IT
0	Sodium	2,170	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0021	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0015	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	32,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
1	Total radium	2.5E-09 ± 6.0E-10	µCi/mL	IT
1	Total radium	3.6E-09 ± 7.0E-10	µCi/mL	IT
1	Tritium	1.6E-05 ± 2.0E-06	µCi/mL	IT

WELL BGO 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 13:15
Inaccessibility or pump failure prevented sample collection

ANALYTICAL RESULTS

WELL BGO 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 13:20
Inaccessibility or pump failure prevented sample collection.

WELL BGO 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 13:25
Inaccessibility or pump failure prevented sample collection.

WELL BGO 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 13:30
Inaccessibility or pump failure prevented sample collection.

WELL BGO 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 Time: 14:45
Depth to water: 126.83 ft (38.69 m) below TOC pH: 7.5
Water elevation: 158.67 ft (48.36 m) msl Alkalinity ($CaCO_3$): 147 mg/L
Sp. conductance: 311 µS/cm Water temperature: 18.7°C
Water evacuated before sampling: 134 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	IT
0	pH	7.4	pH	IT
1	Specific conductance	293	µS/cm	IT
0	Turbidity	0.16	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	37	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	50,800	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,520	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT

WELL BGO 6A collected on 02/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00056	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00063	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.00075	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00049	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	53	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,210	µg/L	IT
0	Manganese	44	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.00087	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.00080	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0045	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00063	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	849	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	35,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,920	µg/L	IT
0	Sulfate	8,180	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0010	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	213,000	µg/L	IT
0	Total dissolved solids	198,000	µg/L	IT
0	Total organic carbon	1,080	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	122	µg/L	IT
0	Total phosphates (as P)	164	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<10	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
1	Americium-241	3.9E-09 ± 6.0E-10	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL BGO 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91
Depth to water: 66.05 ft (20.13 m) below TOC
Water elevation: 219.55 ft (66.92 m) msl
Sp. conductance: 147 µS/cm
Water evacuated before sampling: 182 gal

Time: 15:05
pH: 7.3
Alkalinity ($CaCO_3$): 82 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	IT
0	Specific conductance	128	µS/cm	IT
0	Turbidity	0.20	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	9.5	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	20,700	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,000	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00049	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00098	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.00051	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00056	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT

WELL BGO 6C collected on 02/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	12	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	443	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.00015	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0012	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0042	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00067	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,460	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,960	µg/L	IT
0	Sulfate	1,240	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0013	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00094	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	73,000	µg/L	IT
0	Total organic carbon	1,770	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	51	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
1	Americium-241	3.8E-09 ± 7.0E-10	µCi/mL	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Total activity	1.0E-03 ± 2.5E-05	µCi/mL	EM
2	Tritium	8.8E-04 ± 9.0E-05	µCi/mL	IT

WELL BGO 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91
Depth to water: 54.93 ft (16.74 m) below TOC
Water elevation: 230.57 ft (70.28 m) msl
Sp. conductance: 116 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging

Time: 14:55
pH: 6.3
Alkalinity ($CaCO_3$): 87 mg/L
Water temperature: 17.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	IT
0	Specific conductance	78	µS/cm	IT
0	Turbidity	9.6	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	21	µg/L	IT
0	Barium	21	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 6D collected on 02/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	15,900	µg/L	IT
0	Calcium	14,100	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,340	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	2.1	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00085	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00085	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.00074	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00070	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	93	µg/L	IT
0	Iron	98	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	819	µg/L	IT
0	Magnesium	832	µg/L	IT
0	Manganese	16	µg/L	IT
0	Manganese	16	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nickel	<4.0	µg/L	IT
2	Nitrate as nitrogen	10,700	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.00040	µg/L	IT

WELL BGO 6D collected on 02/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Octachlorodibenzo-p-furan isomers	<0.0016	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0031	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00084	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	756	µg/L	IT
0	Potassium	831	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	8,250	µg/L	IT
0	Silica	8,340	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	2,060	µg/L	IT
0	Sodium	2,090	µg/L	IT
0	Sulfate	1,800	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0014	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0013	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	73,000	µg/L	IT
0	Total organic carbon	1,150	µg/L	IT
0	Total organic halogens	9.8	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	J 2.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<8.0E-09	µCi/mL	IT
0	Total activity	9.2E-04 ± 6.8E-06	µCi/mL	EM
0	Total radium	1.5E-09 ± 3.0E-10	µCi/mL	IT
2	Tritium	8.2E-04 ± 9.0E-05	µCi/mL	IT

WELL BGO 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 13:35
Inaccessibility or pump failure prevented sample collection

WELL BGO 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 13:40
Inaccessibility or pump failure prevented sample collection

WELL BGO 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 13:45
Inaccessibility or pump failure prevented sample collection

WELL BGO 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 13:50
Inaccessibility or pump failure prevented sample collection

WELL BGO 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91 Time: 10:45
Depth to water: 53.59 ft (16.33 m) below TOC pH: 5.0
Water elevation: 231.51 ft (70.57 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 36 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
0	Specific conductance	30	µS/cm	IT
0	Specific conductance	30	µS/cm	IT
0	Turbidity	0.10	NTU	IT
0	Acenaphthene	< 10	µg/L	IT
0	Acenaphthylene	< 10	µg/L	IT
0	Aluminum	17	µg/L	IT
0	Anthracene	< 10	µg/L	IT
0	Antimony	< 3.0	µg/L	IT
0	Arsenic	< 2.0	µg/L	IT
0	Azobenzene	< 10	µg/L	IT
0	Barium	10	µg/L	IT
0	Benzene	< 5.0	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	Benzidine	< 50	µg/L	IT
0	Benzo[a]anthracene	< 10	µg/L	IT
0	Benzo[a]pyrene	< 10	µg/L	IT
0	Benzo[b]fluoranthene	< 10	µg/L	IT
0	Benzo[g,h,i]perylene	< 10	µg/L	IT
0	Benzo[k]fluoranthene	< 10	µg/L	IT
0	Benzoic acid	< 50	µg/L	IT
0	Benzyl alcohol	< 10	µg/L	IT
0	Bis(2-chloroethoxy) methane	< 10	µg/L	IT
0	Bis(2-chloroethyl) ether	< 10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	< 10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	IT
0	Bromodichloromethane	< 5.0	µg/L	IT
0	Bromoform	< 5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	< 10	µg/L	IT
0	4-Bromophenyl phenyl ether	< 10	µg/L	IT
0	Butylbenzyl phthalate	< 10	µg/L	IT
0	Cadmium	< 1.5	µg/L	IT
0	Calcium	1,340	µg/L	IT
0	Carbon tetrachloride	< 5.0	µg/L	IT
0	Chloride	1,940	µg/L	IT
0	4-Chloro-3-methylphenol	< 10	µg/L	IT
0	4-Chloroaniline	< 10	µg/L	IT
0	Chlorobenzene	< 5.0	µg/L	IT
0	Chloroethane	< 10	µg/L	IT
0	Chloroethene (Vinyl chloride)	< 10	µg/L	IT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	IT
0	Chloroform	< 5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	< 10	µg/L	IT
0	2-Chloronaphthalene	< 10	µg/L	IT
0	2-Chlorophenol	< 10	µg/L	IT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	IT
0	Chromium	< 2.5	µg/L	IT
0	Chrysene	< 10	µg/L	IT
0	Copper	4.3	µg/L	IT
0	Cyanide	< 5.0	µg/L	IT
0	Di-n-butyl phthalate	< 10	µg/L	IT
0	Di-n-octyl phthalate	< 10	µg/L	IT
0	Dibenz[a,h]anthracene	< 10	µg/L	IT
0	Dibenzofuran	< 10	µg/L	IT
0	Dibromochloromethane	< 5.0	µg/L	IT
0	1,2-Dichlorobenzene	< 10	µg/L	IT
0	1,3-Dichlorobenzene	< 10	µg/L	IT
0	1,4-Dichlorobenzene	< 10	µg/L	IT
0	3,3'-Dichlorobenzidine	< 20	µg/L	IT
0	1,1-Dichloroethane	< 5.0	µg/L	IT
0	1,2-Dichloroethane	< 5.0	µg/L	IT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	IT
0	1,1-Dichloroethylene	< 5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	IT
0	2,4-Dichlorophenol	< 10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.10	µg/L	IT
0	1,2-Dichloropropane	< 5.0	µg/L	IT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	IT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	IT
0	Diethyl phthalate	< 10	µg/L	IT
0	2,4-Dimethyl phenol	< 10	µg/L	IT
0	Dimethyl phthalate	< 10	µg/L	IT
0	2,4-Dinitrophenol	< 50	µg/L	IT
0	2,4-Dinitrotoluene	< 10	µg/L	IT
0	2,6-Dinitrotoluene	< 10	µg/L	IT
0	Endrin	< 0.020	µg/L	IT
0	Ethylbenzene	< 5.0	µg/L	IT
0	Fluoranthene	< 10	µg/L	IT
0	Fluorene	< 10	µg/L	IT
0	Fluoride	< 250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00087	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	< 0.00094	µg/L	IT
0	Hexachlorobenzene	< 10	µg/L	IT
0	Hexachlorobutadiene	< 10	µg/L	IT
0	Hexachlorocyclopentadiene	< 10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	< 0.0018	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	< 0.0010	µg/L	IT
0	Hexachloroethane	< 10	µg/L	IT

WELL BGO 9D collected on 02/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	IT
0	Iron	5.8	µg/L	IT
0	Isophorone	< 10	µg/L	IT
0	Lead	< 2.0	µg/L	IT
0	Magnesium	495	µg/L	IT
1	Manganese	32	µg/L	IT
0	Mercury	< 0.20	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	IT
0	2-Methylnaphthalene	< 10	µg/L	IT
0	N-Nitrosodi-propylamine	< 10	µg/L	IT
0	N-Nitrosodimethylamine	< 10	µg/L	IT
0	N-Nitrosodiphenylamine	< 10	µg/L	IT
0	Naphthalene	< 10	µg/L	IT
0	Nickel	< 2.5	µg/L	IT
0	Nitrate as nitrogen	1,410	µg/L	IT
0	Nitrobenzene	< 10	µg/L	IT
0	2-Nitrophenol	< 10	µg/L	IT
0	4-Nitrophenol	< 10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	< 0.00081	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	< 0.0020	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	< 0.0053	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	< 0.0013	µg/L	IT
0	Pentachlorophenol	< 50	µg/L	IT
0	Phenanthrene	< 10	µg/L	IT
0	Phenol	< 10	µg/L	IT
0	Phenols	< 5.0	µg/L	IT
0	Potassium	< 500	µg/L	IT
0	Pyrene	< 10	µg/L	IT
0	Selenium	< 3.0	µg/L	IT
0	Silica	7,220	µg/L	IT
0	Silver	< 2.5	µg/L	IT
0	Sodium	2,630	µg/L	IT
0	Sulfate	1,320	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	< 0.0013	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.0022	µg/L	IT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	IT
0	Tetrachloroethylene	< 5.0	µg/L	IT
0	Tin	< 100	µg/L	IT
0	Toluene	< 5.0	µg/L	IT
0	Total dissolved solids	36,000	µg/L	IT
0	Total organic carbon	< 1,000	µg/L	IT
0	Total organic halogens	< 5.0	µg/L	IT
0	Total phosphates (as P)	15	µg/L	IT
0	Toxaphene	< 0.50	µg/L	IT
0	2,4,5-TP (Silvex)	< 0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	< 10	µg/L	IT
0	1,1,1-Trichloroethane	< 5.0	µg/L	IT
0	1,1,2-Trichloroethane	< 5.0	µg/L	IT
0	Trichloroethylene	< 5.0	µg/L	IT
0	Trichlorofluoromethane	< 10	µg/L	IT
0	2,4,5-Trichlorophenol	< 10	µg/L	IT
0	2,4,6-Trichlorophenol	< 10	µg/L	IT
0	Vanadium	< 1 0	µg/L	IT
0	Xylenes	< 5.0	µg/L	IT
1	Americium-241	3.6E-09 ± 8.0E-10	µCi/mL	IT
0	Gross alpha	< 2.0E-09	µCi/mL	IT
0	Nonvolatile beta	< 4 0E-09	µCi/mL	IT
1	Radium-226	2.0E-09 ± 5.0E-10	µCi/mL	IT
0	Radium-228	< 1 0E-09	µCi/mL	IT
0	Strontium-89	< 1.0E-09	µCi/mL	IT
0	Strontium-90	< 1.0E-09	µCi/mL	IT
2	Tritium	2.1E-05 ± 3.0E-06	µCi/mL	IT
0	Uranium-234	1.2E-08 ± 2.0E-09	µCi/mL	IT
0	Uranium-235	2 7E-09 ± 8.0E-10	µCi/mL	IT
0	Uranium-238	2.2E-09 ± 8.0E-10	µCi/mL	IT

WELL BGO 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 Time 9 15
Depth to water: 135.86 ft (41 35 m) below TOC pH: 7 8
Water elevation: 165.24 ft (50 37 m) msl Alkalinity ($CaCO_3$) 140 mg/L
Sp conductance 335 µS/cm Water temperature 18 7°C
Water evacuated before sampling 142 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7 6	pH	IT
1	Specific conductance	303	µS/cm	IT
0	Turbidity	0.26	NTU	IT
0	Acenaphthene	< 10	µg/L	IT
0	Acenaphthylene	< 10	µg/L	IT
0	Aluminum	< 10	µg/L	IT
0	Anthracene	< 10	µg/L	IT
0	Antimony	< 3 0	µg/L	IT
0	Arsenic	< 2.0	µg/L	IT
0	Azobenzene	< 10	µg/L	IT
0	Barium	8 6	µg/L	IT
0	Benzene	< 5.0	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	Benzidine	< 50	µg/L	IT
0	Benzo[a]anthracene	< 10	µg/L	IT
0	Benzo[a]pyrene	< 10	µg/L	IT
0	Benzo[b]fluoranthene	< 10	µg/L	IT
0	Benzo[g,h,i]perylene	< 10	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 10A collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	59,400	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,300	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.0011	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.0018	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.0013	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00035	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	85	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	1,430	µg/L	IT
0	Manganese	8.5	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.00026	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0012	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0032	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00068	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,030	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	38,900	µg/L	IT
0	Silver	<2.5	µg/L	IT

WELL BGO 10A collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	1,950	µg/L	IT
0	Sulfate	9,330	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0017	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0013	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	226,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	94	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	5.4E-09 ± 1.0E-09	µCi/mL	IT
0	Uranium-235	1.2E-09 ± 5.0E-10	µCi/mL	IT
0	Uranium-238	1.4E-09 ± 5.0E-10	µCi/mL	IT

WELL BGO 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 Time: 8:50
Depth to water: 81.48 ft (24.84 m) below TOC pH: 10.1
Water elevation: 219.82 ft (67.00 m) msl Alkalinity ($CaCO_3$) 29 mg/L
Sp. conductance: 97 µS/cm Water temperature 16.6°C
Water evacuated before sampling: 40 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.4	pH	IT
0	Specific conductance	84	µS/cm	IT
2	Turbidity	61	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<30	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	29	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	37,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,990	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT

WELL BGO 10C collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00071	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.0014	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00078	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	897	µg/L	IT
0	Manganese	1.1	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	480	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0011	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0014	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0014	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00071	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	721	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	18,600	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,780	µg/L	IT
0	Sulfate	2,260	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0011	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0013	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	73,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	71	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	1.9	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Gross alpha	7.2E-09±3.1E-09	µCi/mL	IT
0	Nonvolatile beta	1.2E-08±4.0E-09	µCi/mL	IT
1	Radium-226	2.0E-09±5.0E-10	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
1	Tritium	1.6E-05±2.0E-06	µCi/mL	IT

WELL BGO 10C collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Uranium-234	2.2E-09±5.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-238	1.6E-09±4.0E-10	µCi/mL	IT

WELL BGO 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 13:55
The well was dry.

WELL BGO 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 Time: 9:50
Depth to water: 75.59 ft (23.04 m) below TOC pH: 4.9
Water elevation: 229.71 ft (70.02 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 36 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 39 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	pH	5.1	pH	IT
0	Specific conductance	13	µS/cm	GE
0	Specific conductance	13	µS/cm	GE
0	Specific conductance	29	µS/cm	IT
0	Turbidity	0.20	NTU	GE
0	Turbidity	0.20	NTU	GE
0	Turbidity	0.15	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Aluminum	26	µg/L	GE
0	Aluminum	23	µg/L	GE
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	5.3	µg/L	GE
0	Barium	4.7	µg/L	GE
0	Barium	4.9	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	730	µg/L	GE
0	Calcium	690	µg/L	GE
0	Calcium	758	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
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	2,250	µg/L	GE
0	Chloride	2,240	µg/L	GE
0	Chloride	2,150	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 11D collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	4-Chloro-3-methylphenol	< 10	µg/L	IT
0	4-Chloroaniline	< 10	µg/L	IT
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 5.0	µg/L	IT
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 10	µg/L	IT
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 10	µg/L	IT
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	IT
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 10	µg/L	IT
0	2-Chloronaphthalene	< 10	µg/L	IT
0	2-Chlorophenol	< 10	µg/L	IT
0	4-Chlorophenyl phenyl ether	< 10	µg/L	IT
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 2.5	µg/L	IT
0	Chrysene	< 10	µg/L	IT
0	Copper	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	Copper	2.3	µg/L	IT
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	Cyanide	< 5.0	µg/L	IT
0	Di-n-butyl phthalate	< 10	µg/L	IT
0	Di-n-octyl phthalate	< 10	µg/L	IT
0	Dibenz[a,h]anthracene	< 10	µg/L	IT
0	Dibenzofuran	< 10	µg/L	IT
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 5.0	µg/L	IT
0	1,2-Dichlorobenzene	< 10	µg/L	IT
0	1,3-Dichlorobenzene	< 10	µg/L	IT
0	1,4-Dichlorobenzene	< 10	µg/L	IT
0	3,3'-Dichlorobenzidine	< 20	µg/L	IT
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 5.0	µg/L	IT
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 5.0	µg/L	IT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 5.0	µg/L	IT
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenol	< 10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.10	µg/L	IT
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 5.0	µg/L	IT
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 5.0	µg/L	IT
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 5.0	µg/L	IT
0	Diethyl phthalate	< 10	µg/L	IT
0	2,4-Dimethyl phenol	< 10	µg/L	IT
0	Dimethyl phthalate	< 10	µg/L	IT
0	2,4-Dinitrophenol	< 50	µg/L	IT
0	2,4-Dinitrotoluene	< 10	µg/L	IT
0	2,6-Dinitrotoluene	< 10	µg/L	IT
0	Endrin	< 0.010	µg/L	GE
0	Endrin	< 0.010	µg/L	GE
0	Endrin	< 0.020	µg/L	IT
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 5.0	µg/L	IT
0	Fluoranthene	< 10	µg/L	IT
0	Fluorene	< 10	µg/L	IT
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00080	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	< 0.00055	µg/L	IT
0	Hexachlorobenzene	< 10	µg/L	IT
0	Hexachlorobutadiene	< 10	µg/L	IT
0	Hexachlorocyclopentadiene	< 10	µg/L	IT
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.0017	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	< 0.00070	µg/L	IT

WELL BGO 11D collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Hexachloroethane	< 10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	< 10	µg/L	IT
0	Iron	12	µg/L	GE
0	Iron	< 4.0	µg/L	GE
0	Iron	9.3	µg/L	IT
0	Isophorone	< 10	µg/L	IT
0	Lead	3.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lead	< 2.0	µg/L	IT
0	Magnesium	490	µg/L	GE
0	Magnesium	460	µg/L	GE
0	Magnesium	449	µg/L	IT
0	Manganese	6.8	µg/L	GE
0	Manganese	6.4	µg/L	GE
0	Manganese	7.6	µg/L	IT
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	IT
0	2-Methylnaphthalene	< 10	µg/L	IT
0	N-Nitrosodi-propylamine	< 10	µg/L	IT
0	N-Nitrosodimethylamine	< 10	µg/L	IT
0	N-Nitrosodiphenylamine	< 10	µg/L	IT
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	IT
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 2.5	µg/L	IT
0	Nitrate as nitrogen	1,900	µg/L	GE
0	Nitrate as nitrogen	1,950	µg/L	GE
0	Nitrate as nitrogen	1,690	µg/L	IT
0	Nitrobenzene	< 10	µg/L	IT
0	2-Nitrophenol	< 10	µg/L	IT
0	4-Nitrophenol	< 10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.00019	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	< 0.00092	µg/L	IT
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-dioxin isomers	< 0.0060	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	< 0.00072	µg/L	IT
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	< 0.00055	µg/L	GE
0	Pentachlorophenol	< 50	µg/L	IT
0	Phenanthrene	< 10	µg/L	IT
0	Phenol	< 10	µg/L	IT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	IT
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	IT
0	Pyrene	< 10	µg/L	IT
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 3.0	µg/L	IT
0	Silica	7,100	µg/L	GE
0	Silica	7,100	µg/L	GE
0	Silica	5,920	µg/L	IT
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.5	µg/L	IT
0	Sodium	3,400	µg/L	GE
0	Sodium	3,100	µg/L	GE
0	Sodium	2,800	µg/L	IT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	< 0.0020	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	< 0.0016	µg/L	IT
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	IT
0	Tetrachloroethylene	1.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	IT
0	Tin	< 2.0	µg/L	GE
0	Tin	< 2.0	µg/L	GE
0	Tin	< 100	µg/L	IT
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	IT
0	Total dissolved solids	8,000	µg/L	GE
0	Total dissolved solids	6,000	µg/L	GE
0	Total dissolved solids	43,000	µg/L	IT
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	IT
0	Total organic halogens	5.0	µg/L	GE

WELL BGO 11D collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	26	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
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	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
1	Trichloroethylene	3.0	µg/L	GE
1	Trichloroethylene	4.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Gross alpha	4.6E-09±2.7E-09	µCi/mL	GE
0	Gross alpha	2.3E-09±2.1E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
1	Radium-226	2.0E-09±5.0E-10	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
1	Total radium	3.0E-09±3.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	9.4E-05±1.4E-06	µCi/mL	GE
2	Tritium	9.8E-05±1.5E-06	µCi/mL	GE
2	Tritium	8.5E-05±9.0E-06	µCi/mL	IT
1	Uranium-234	1.4E-08±2.0E-09	µCi/mL	IT
0	Uranium-235	6.1E-09±1.4E-09	µCi/mL	IT
0	Uranium-238	6.7E-09±1.4E-09	µCi/mL	IT

WELL BGO 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 Time: 9:50
Depth to water: 75.59 ft (23.04 m) below TOC pH: 4.9
Water elevation: 229.71 ft (70.02 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 38 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 39 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.1	pH	IT
0	Specific conductance	15	µS/cm	GE
0	Specific conductance	29	µS/cm	IT
0	Turbidity	0.30	NTU	GE
0	Turbidity	0.13	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Acetophenone	<10	µg/L	GE
0	Aluminum	55	µg/L	GE
0	Aluminum	11	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	5.3	µg/L	GE
0	Barium	5.0	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT

WELL BGO 11D collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	870	µg/L	GE
0	Calcium	751	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Chloride	2,590	µg/L	GE
0	Chloride	2,170	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	6.1	µg/L	GE
0	Copper	2.1	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00034	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.0014	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.0015	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00044	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	140	µg/L	GE
0	Iron	<5.0	µg/L	IT
0	Isophorone	<10	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 11D collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lead	4.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	490	µg/L	GE
0	Magnesium	455	µg/L	IT
0	Manganese	14	µg/L	GE
0	Manganese	7.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,980	µg/L	GE
0	Nitrate as nitrogen	1,690	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.00086	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0014	µg/L	IT
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	<0.0024	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00073	µg/L	IT
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	7,500	µg/L	GE
0	Silica	2,780	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	3,200	µg/L	GE
0	Sodium	2,850	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0016	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0013	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	11,000	µg/L	GE
0	Total dissolved solids	46,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,050	µg/L	IT
1	Total organic halogens	55	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	25	µg/L	IT
0	Total phosphates (as P)	33	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
1	Trichloroethylene	3.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Gross alpha	3.7E-09 ± 2.5E-09	µCi/mL	GE
0	Gross alpha	2.9E-09 ± 2.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.1E-09 ± 3.5E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
1	Radium-226	2.4E-09 ± 6.0E-10	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
1	Total radium	2.9E-09 ± 3.7E-09	µCi/mL	GE
2	Tritium	1.8E-04 ± 2.0E-06	µCi/mL	GE

WELL BGO 11D collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Tritium	8.2E-05 ± 9.0E-06	µCi/mL	IT
2	Tritium	8.3E-05 ± 9.0E-06	µCi/mL	IT
0	Uranium-234	8.8E-09 ± 1.3E-09	µCi/mL	IT
0	Uranium-235	2.0E-09 ± 8.0E-10	µCi/mL	IT
0	Uranium-238	2.0E-09 ± 8.0E-10	µCi/mL	IT

WELL BGO 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 Time: 10:35
Depth to water: 137.16 ft (41.81 m) below TOC pH: 7.1
Water elevation: 176.24 ft (53.72 m) msl Alkalinity ($CaCO_3$): 34 mg/L
Sp. conductance: 137 µS/cm Water temperature: 15.9°C
Water evacuated before sampling: 30 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	IT
0	Specific conductance	120	µS/cm	IT
0	Turbidity	1.3	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	2.4	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	68	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	20,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,970	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	2.2	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT

WELL BGO 12A collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.0011	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00090	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.0014	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00082	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	32	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	483	µg/L	IT
0	Manganese	4.9	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	330	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0074	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0016	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0035	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00066	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,150	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	28,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,950	µg/L	IT
0	Sulfate	8,430	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0012	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0011	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	117,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	18	µg/L	IT
0	Total phosphates (as P)	120	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	23	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL BGO 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 14:00
Inaccessibility or pump failure prevented sample collection.

WELL BGO 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 Time: 10:55
Depth to water: 84.18 ft (25.66 m) below TOC pH: 6.8
Water elevation: 229.52 ft (69.96 m) msl Alkalinity ($CaCO_3$): 25 mg/L
Sp. conductance: 123 µS/cm Water temperature: 18.6°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	IT
0	Specific conductance	105	µS/cm	IT
0	Turbidity	16	NTU	IT
0	Acenaphthene	<10	µg/L	IT

WELL BGO 12D collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	30	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	6,770	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,420	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
C	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.0014	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00072	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	16	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	2,630	µg/L	IT
1	Manganese	28	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	18	µg/L	IT
0	Nitrate as nitrogen	1,260	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 12D collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0028	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0019	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0022	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00095	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,580	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,700	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	5,000	µg/L	IT
0	Sulfate	11,100	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.00079	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0017	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	79,000	µg/L	IT
0	Total dissolved solids	86,000	µg/L	IT
0	Total organic carbon	3,700	µg/L	IT
0	Total organic halogens	42	µg/L	IT
0	Total phosphates (as P)	38	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	57	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	2.1E-09±5.0E-10	µCi/mL	IT
0	Tritium	8.6E-08±9.0E-07	µCi/mL	IT

WELL BGO 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 Time: 13:00
Depth to water: Not available pH: 6.5
Water elevation: Not available Alkalinity ($CaCO_3$): 16 mg/L
Sp. conductance: 57 µS/cm Water temperature: 13.7°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	IT
0	Specific conductance	48	µS/cm	IT
0	Turbidity	1.3	NTU	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	8.3	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,500	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,580	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	7.1	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	154	µg/L	IT
1	Manganese	39	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	25	µg/L	IT

WELL BGO 13D collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,700	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	3,380	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,780	µg/L	IT
0	Sulfate	2,350	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	51,000	µg/L	IT
0	Total organic carbon	1,170	µg/L	IT
0	Total organic halogens	7.4	µg/L	IT
0	Total phosphates (as P)	25	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<2.2E-08	µCi/mL	IT
0	Nonvolatile beta	<4.6E-08	µCi/mL	IT
0	Total radium	1.1E-09±5.0E-10	µCi/mL	IT

WELL BGO 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 Time: 12:25
Depth to water: 143.51 ft (43.74 m) below TOC pH: 12.6
Water elevation: 158.39 ft (48.28 m) msl Alkalinity ($CaCO_3$): 385 mg/L
Sp. conductance: 1832 µS/cm Water temperature: 17.7°C
Water evacuated before sampling: 20 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	IT
2	Specific conductance	1,440	µS/cm	IT
0	Turbidity	6.3	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
2	Aluminum	1,840	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	2.8	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	86	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	81,500	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,550	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz(a,h)anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT

WELL BGO 14A collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	770	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.0012	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.0022	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.0014	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00077	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	3.9	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.00098	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0022	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0029	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00054	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	21,600	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	14,200	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	29,200	µg/L	IT
0	Sulfate	23,800	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0011	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0013	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	435,000	µg/L	IT
0	Total organic carbon	1,700	µg/L	IT
0	Total organic carbon	1,840	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	22	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	11	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<6.0E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total radium	<1.0E-08	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL BGO 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 Time: 12:10
Depth to water: 80.17 ft (24.44 m) below TOC pH: 7.7
Water elevation: 221.83 ft (67.61 m) msl Alkalinity ($CaCO_3$): 22 mg/L
Sp. conductance: 88 µS/cm Water temperature: 19.9°C
Water evacuated before sampling: 78 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.6	pH	IT
0	Specific conductance	76	µS/cm	IT
0	Turbidity	1.8	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	75	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	18	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	9,480	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,140	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	J 4.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.0012	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.0010	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.00098	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00083	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 14C collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Iron	5.8	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	320	µg/L	IT
0	Manganese	2.8	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,100	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.00028	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0012	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0029	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00073	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,610	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,810	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,690	µg/L	IT
0	Sulfate	1,090	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0015	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0011	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	67,000	µg/L	IT
0	Total organic carbon	1,820	µg/L	IT
0	Total organic halogens	44	µg/L	IT
0	Total phosphates (as P)	62	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	57	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.2E-08±5.0E-09	µCi/mL	IT
0	Total radium	1.0E-09±4.0E-10	µCi/mL	IT
2	Tritium	3.1E-05±4.0E-06	µCi/mL	IT

WELL BGO 14D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 Time: 12:45
The well was dry.

WELL BGO 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91 Time: 11:20
Depth to water: 69.90 ft (21.31 m) below TOC pH: 5.3
Water elevation: 228.80 ft (69.74 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 30 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	Specific conductance	25	µS/cm	IT
0	Turbidity	6.8	NTU	IT
0	Turbidity	6.8	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	7.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT

WELL BGO 15D collected on 02/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,630	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,010	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	34	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00072	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.0010	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.0013	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00062	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	12	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	3.7	µg/L	IT
0	Magnesium	353	µg/L	IT
0	Manganese	6.3	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	920	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	0.0054	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0012	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0038	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.0011	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT

WELL BGO 15D collected on 02/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,060	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,030	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0021	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0012	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
1	Tetrachloroethylene	J 4.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	6,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
2	Total organic halogens	116	µg/L	IT
0	Total phosphates (as P)	19	µg/L	IT
0	Total phosphates (as P)	26	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	98	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Radium-226	1.5E-09±4.0E-10	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Total activity	5.2E-04±5.0E-06	µCi/mL	EM
2	Tritium	4.5E-04±5.0E-05	µCi/mL	IT
2	Tritium	4.8E-04±5.0E-05	µCi/mL	IT
0	Uranium-234	2.8E-09±5.0E-10	µCi/mL	IT
0	Uranium-234	5.4E-09±1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	1.3E-09±5.0E-10	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	1.4E-09±5.0E-10	µCi/mL	IT

WELL BGO 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/91
Depth to water: 144.48 ft (44.03 m) below TOC
Water elevation: 160.54 ft (48.93 m) msl
Sp. conductance: 1167 µS/cm
Water evacuated before sampling: 21 gal
The well went dry during purging.

Time: 9:45
pH: 11.9
Alkalinity ($CaCO_3$): 262 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	IT
2	Specific conductance	1,130	µS/cm	IT
0	Turbidity	0.59	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
2	Aluminum	581	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	96	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	79,600	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,530	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT

WELL BGO 16A collected on 03/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	300	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00034	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00024	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.00023	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00030	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	9.9	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0075	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.00083	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0019	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00033	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	13,200	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	18,300	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	13,500	µg/L	IT
0	Sulfate	10,300	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0014	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	B 5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	J 2.0	µg/L	IT
1	Total dissolved solids	340,000	µg/L	IT
0	Total organic carbon	2,870	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	18	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 18A collected on 03/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	2.1	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.6E-08 ± 4.0E-09	µCi/mL	IT
0	Total radium	1.3E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL BGO 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 05/31/91 Time: Not available
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acetophenone	<10	µg/L	GE
0	Xylenes	<1.0	µg/L	GE

WELL BGO 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 Time: 12:05
Depth to water: 74.85 ft (22.85 m) below TOC
Water elevation: 229.65 ft (70.00 m) msl
The well pumped dry before all field parameters were collected.

WELL BGO 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 Time: 11:00
Inaccessibility or pump failure prevented sample collection.

WELL BGO 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 Time: 11:30
Depth to water: 134.47 ft (40.99 m) below TOC pH: 6.9
Water elevation: 160.73 ft (48.99 m) msl Alkalinity ($CaCO_3$): 84 mg/L
Sp. conductance: 211 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 161 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	IT
0	Specific conductance	186	µS/cm	IT
0	Turbidity	0.23	NTU	IT
0	Turbidity	0.21	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	40	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	30,600	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,320	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT

WELL BGO 18A collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichlorcpropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00040	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00020	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00035	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	32	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	1,210	µg/L	IT
2	Manganese	54	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-npropylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0014	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.00074	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0056	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00074	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	937	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	IT
1	Silica	29,600	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	2,270	µg/L	IT
0	Sulfate	8,640	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.00099	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00088	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	152,000	µg/L	IT
0	Total organic carbon	2,570	µg/L	IT
0	Total organic halogens	7.5	µg/L	IT
0	Total phosphates (as P)	73	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT

WELL BGO 18A collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.3E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL BGO 18D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 Time: 11:50
Depth to water: 64.12 ft (19.54 m) below TOC pH: 4.8
Water elevation: 230.78 ft (70.34 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 28 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 29 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	20	µS/cm	IT
0	Turbidity	0.10	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	22	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	8.4	µg/L	IT
2	Benzene	45	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	855	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,650	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT

WELL BGO 18D collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00031	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00052	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.00028	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00041	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	5.2	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	2.3	µg/L	IT
0	Magnesium	291	µg/L	IT
0	Manganese	14	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	1,110	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.00048	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.00052	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0043	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00041	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	6,720	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	1,740	µg/L	IT
0	Sulfate	1,160	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0013	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00075	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	35,000	µg/L	IT
0	Total organic carbon	2,470	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	21	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<1.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.3E-09 ± 4.0E-10	µCi/mL	IT
0	Total radium	1.6E-09 ± 5.0E-10	µCi/mL	IT
1	Tritium	1.5E-05 ± 2.0E-06	µCi/mL	IT

WELL BGO 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 Time: 11:05
Inaccessibility or pump failure prevented sample collection

ANALYTICAL RESULTS

WELL BGO 20D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/91 — Time: 10:15
Depth to water: 50.95 ft (15.53 m) below TOC — pH: 5.4
Water elevation: 232.75 ft (70.94 m) msl — Alkalinity ($CaCO_3$): 10 mg/L
Sp. conductance: 77 µS/cm — Water temperature: 17.4°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	IT
0	Specific conductance	61	µS/cm	IT
0	Turbidity	14	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	41	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,380	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,200	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2 Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00048	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00049	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.00058	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00075	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT

WELL BGO 20D collected on 03/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Iron	28	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	12	µg/L	IT
0	Magnesium	941	µg/L	IT
2	Manganese	94	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	8.0	µg/L	IT
0	Nitrate as nitrogen	1,720	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.00082	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.00050	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0041	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00089	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,020	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	8,410	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	5,640	µg/L	IT
0	Sulfate	1,240	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0012	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0029	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
1	Tetrachloroethylene	BJ 4.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	36,000	µg/L	IT
0	Total organic carbon	3,320	µg/L	IT
0	Total organic halogens	13	µg/L	IT
0	Total phosphates (as P)	17	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	1.1E-09±1.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.9E-09±5.0E-10	µCi/mL	IT
1	Tritium	1.8E-05±2.0E-06	µCi/mL	IT

WELL BGO 21D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/91 — Time: 9:10
Depth to water: 51.82 ft (15.79 m) below TOC — pH: 6.3
Water elevation: 233.58 ft (71.20 m) msl — Alkalinity ($CaCO_3$): 17 mg/L
Sp. conductance: 78 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 7 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	IT
0	Specific conductance	67	µS/cm	IT
2	Turbidity	92	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	16	µg/L	IT
0	Benzene	J 1.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT

WELL BGO 21D collected on 03/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,480	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,010	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00025	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00031	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.00033	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00025	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	8.5	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	2.7	µg/L	IT
0	Magnesium	313	µg/L	IT
1	Manganese	28	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	2,030	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0023	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0029	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00049	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
1	Potassium	6,200	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	7,260	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	6,870	µg/L	IT
0	Sulfate	1,370	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0011	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00075	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	BJ 2.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT

WELL BGO 21D collected on 03/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	35,000	µg/L	IT
0	Total organic carbon	4,010	µg/L	IT
0	Total organic halogens	7.7	µg/L	IT
0	Total phosphates (as P)	84	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	2.8E-09 ± 1.8E-09	µCi/mL	IT
0	Nonvolatile beta	6.4E-09 ± 3.8E-09	µCi/mL	IT
0	Total radium	1.9E-09 ± 6.0E-10	µCi/mL	IT
2	Tritium	4.7E-05 ± 5.0E-06	µCi/mL	IT

WELL BGO 22D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 — Time: 10:35
Depth to water: 54.51 ft (16.61 m) below TOC — pH: 5.1
Water elevation: 231.99 ft (70.71 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 99 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	pH	5.4	pH	IT
0	Specific conductance	27	µS/cm	IT
0	Specific conductance	27	µS/cm	IT
0	Turbidity	1.3	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	13	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	8.6	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	0.25	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,010	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,690	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 22D collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
2	Endrin	0.58	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00043	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00049	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.00039	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00042	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	15	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	497	µg/L	IT
0	Manganese	9.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	1,660	µg/L	IT
0	Nitrate as nitrogen	1,840	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0016	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.00037	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0018	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00033	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	6,330	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	2,500	µg/L	IT
0	Sulfate	1,270	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.00095	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00086	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	J 1.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	28,000	µg/L	IT
0	Total organic carbon	1,530	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	78	µg/L	IT
0	Total phosphates (as P)	41	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
1	Americium-241	2.3E-09 ± 5.0E-10	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	1.4E-09 ± 4.0E-10	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Tritium	1.5E-08 ± 2.0E-07	µCi/mL	IT

WELL BGO 23D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 Time: 9:40
Depth to water: 54.63 ft (16.65 m) below TOC pH: 6.3
Water elevation: 234.57 ft (71.50 m) msl Alkalinity ($CaCO_3$): 9 mg/L
Sp. conductance: 50 µS/cm Water temperature: 21.2°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	IT
0	Specific conductance	42	µS/cm	IT
0	Turbidity	2.4	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	4.4	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	745	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	780	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	8.4	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00044	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00035	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.00039	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00050	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT

WELL BGO 23D collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	2.7	µg/L	IT
0	Magnesium	191	µg/L	IT
0	Manganese	8.1	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	1,880	µg/L	IT
0	Nitrate as nitrogen	1,920	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.00021	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.00064	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0034	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00052	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,790	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	8,200	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	5,770	µg/L	IT
0	Sulfate	1,130	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0015	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0012	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	38,000	µg/L	IT
0	Total organic carbon	1,730	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	29	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	2.1E-05±3.0E-06	µCi/mL	IT

WELL BGO 24D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 Time: 10:55
Depth to water: 57.74 ft (17.60 m) below TOC
Water elevation: 235.46 ft (71.77 m) msl
The well pumped dry before all field parameters were collected.

WELL BGO 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 Time: 8:50
Depth to water: 135.86 ft (41.41 m) below TOC pH: 8.0
Water elevation: 160.64 ft (48.96 m) msl Alkalinity ($CaCO_3$): 113 mg/L
Sp. conductance: 251 µS/cm Water temperature: 17.1°C
Water evacuated before sampling: 21 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.6	pH	IT
0	Specific conductance	237	µS/cm	IT
0	Turbidity	0.72	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	35	µg/L	IT
0	Benzene	<5.0	µg/L	IT

WELL BGO 25A collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	41,300	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,220	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Heptachlorodibenzo-p-dioxin isomers	<0.00053	µg/L	IT
0	Heptachlorodibenzo-p-furan isomers	<0.00070	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachlorodibenzo-p-dioxin isomers	<0.0012	µg/L	IT
0	Hexachlorodibenzo-p-furan isomers	<0.00065	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	8.5	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	720	µg/L	IT
0	Manganese	3.2	µg/L	IT
0	Mercury	0.41	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	7.1	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0014	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0011	µg/L	IT
0	Pentachlorodibenzo-p-dioxin isomers	<0.0026	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00048	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 25A collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	IT
0	Potassium	930	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	37,500	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,030	µg/L	IT
0	Sulfate	10,000	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.0015	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0013	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	174,000	µg/L	IT
0	Total organic carbon	1,890	µg/L	IT
0	Total organic halogens	6.4	µg/L	IT
0	Total phosphates (as P)	87	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	1.2	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	1.5E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL BGO 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: 127.15 ft (38.78 m) below TOC
Water elevation: 160.05 ft (48.78 m) msl
Sp. conductance: 1457 µS/cm
Water evacuated before sampling: 37 gal
The well went dry during purging.

Time: 9:25
pH: 12.6
Alkalinity ($CaCO_3$): 362 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	IT
2	Specific conductance	1,490	µS/cm	IT
0	Turbidity	0.24	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
2	Aluminum	305	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	103	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	112,000	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,720	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	20	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	2.3	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	5.5	µg/L	IT

WELL BGO 26A collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	480	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	5.1	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	5.9	µg/L	IT
0	Magnesium	19	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	0.48	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	4.0	µg/L	IT
0	Nitrate as nitrogen	270	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,960	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	9,850	µg/L	IT
0	Sulfate	11,400	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	2.4E+06	µg/L	IT
0	Total organic carbon	1,530	µg/L	IT
0	Total organic halogens	15	µg/L	IT
0	Total phosphates (as P)	32	µg/L	IT
0	Total phosphates (as P)	27	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	8.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	3.5	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<1.1E-07	µCi/mL	EM
0	Cerium-144	<2.7E-07	µCi/mL	EM
0	Cesium-134	<1.1E-08	µCi/mL	EM
0	Cesium-137	<4.0E-08	µCi/mL	EM
0	Chromium-51	<3.1E-06	µCi/mL	EM
0	Cobalt-60	<3.4E-08	µCi/mL	EM
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Iodine-131	<1.1E-04	µCi/mL	EM
0	Niobium-95	<1.9E-07	µCi/mL	EM
0	Nonvolatile beta	<8.0E-09	µCi/mL	IT
0	Ruthenium-103	<1.7E-07	µCi/mL	EM
0	Ruthenium-106	<3.8E-07	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Zirconium-95	<1.4E-07	µCi/mL	EM

WELL BGO 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 — Time: 9:10
Depth to water: 58.84 ft (17.93 m) below TOC — pH: 6.0
Water elevation: 226.66 ft (69.09 m) msl — Alkalinity ($CaCO_3$): 10 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	IT
0	Specific conductance	41	µS/cm	IT
1	Turbidity	35	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	16	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,610	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,360	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	303	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	24	µg/L	IT
0	Isophorone	<10	µg/L	IT
1	Lead	41	µg/L	IT
0	Magnesium	359	µg/L	IT
1	Manganese	35	µg/L	IT
0	Mercury	0.26	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT

WELL BGO 26D collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	13	µg/L	IT
0	Nitrate as nitrogen	730	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,240	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,320	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,450	µg/L	IT
0	Sulfate	1,050	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	22,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	9.6	µg/L	IT
0	Total phosphates (as P)	208	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<1.2E-07	µCi/mL	EM
0	Cerium-144	<2.9E-07	µCi/mL	EM
0	Cesium-134	<3.8E-08	µCi/mL	EM
0	Cesium-137	<4.1E-08	µCi/mL	EM
0	Chromium-51	<2.7E-06	µCi/mL	EM
0	Cobalt-60	<3.6E-08	µCi/mL	EM
0	Gross alpha	4.3E-09±2.3E-09	µCi/mL	IT
0	Iodine-131	<1.1E-04	µCi/mL	EM
0	Niobium-95	<2.0E-07	µCi/mL	EM
0	Nonvolatile beta	8.1E-09±3.2E-09	µCi/mL	IT
0	Ruthenium-103	<1.8E-07	µCi/mL	EM
0	Ruthenium-106	<4.2E-07	µCi/mL	EM
0	Total radium	1.2E-09±4.0E-10	µCi/mL	IT
0	Tritium	5.1E-06±6.0E-07	µCi/mL	IT
0	Zirconium-95	<1.6E-07	µCi/mL	EM

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 — Time: 10:00
Depth to water: 56.59 ft (17.25 m) below TOC — pH: 7.5
Water elevation: 219.41 ft (66.88 m) msl — Alkalinity ($CaCO_3$): 42 mg/L
Sp. conductance: 111 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 169 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	IT
0	Specific conductance	105	µS/cm	IT
0	Turbidity	2.2	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	38	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	4.4	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 27C collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
1	Calcium	17,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,880	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	3.5	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	71	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	270	µg/L	IT
0	Manganese	3.1	µg/L	IT
0	Mercury	0.54	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	470	µg/L	IT
0	Nitrate as nitrogen	990	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,260	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,550	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	62,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	14	µg/L	IT
1	Total phosphates (as P)	309	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	15	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT

WELL BGO 27C collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Xylenes	<5.0	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.1E-08	µCi/mL	IT
0	Antimony-125	<1.0E-07	µCi/mL	EM
0	Cerium-141	<8.0E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cerium-144	<3.0E-07	µCi/mL	EM
0	Cesium-134	<3.2E-08	µCi/mL	IT
0	Cesium-134	<4.6E-08	µCi/mL	EM
0	Cesium-137	<5.9E-09	µCi/mL	IT
0	Cesium-137	<3.5E-08	µCi/mL	EM
0	Chromium-51	<3.1E-06	µCi/mL	EM
0	Cobalt-58	<6.2E-09	µCi/mL	IT
0	Cobalt-60	<7.8E-09	µCi/mL	IT
0	Cobalt-60	<3.4E-08	µCi/mL	EM
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Iodine-131	<1.2E-04	µCi/mL	EM
0	Manganese-54	<5.5E-09	µCi/mL	IT
0	Niobium-95	<5.7E-09	µCi/mL	IT
0	Niobium-95	<2.2E-07	µCi/mL	EM
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<5.1E-09	µCi/mL	IT
0	Ruthenium-103	<1.8E-07	µCi/mL	EM
0	Ruthenium-106	<4.7E-08	µCi/mL	IT
0	Ruthenium-106	<4.1E-07	µCi/mL	EM
0	Sodium-22	<9.3E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.4E-09	µCi/mL	IT
2	Tritium	6.0E-05 ± 6.0E-06	µCi/mL	IT
0	Uranium-234	3.2E-09 ± 7.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.9E-08	µCi/mL	IT
0	Uranium-238	1.3E-09 ± 5.0E-10	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.2E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL BGO 27C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 Time: 10:00
Depth to water: 56.59 ft (17.25 m) below TOC pH: 7.5
Water elevation: 219.41 ft (66.88 m) msl Alkalinity ($CaCO_3$): 42 mg/L
Sp. conductance: 111 µS/cm Water temperature: 17.4°C
Water evacuated before sampling: 169 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony-125	<2.7E-08	µCi/mL	IT
0	Antimony-125	<1.1E-07	µCi/mL	EM
0	Cerium-141	<4.9E-09	µCi/mL	IT
0	Cerium-144	<1.7E-07	µCi/mL	IT
0	Cerium-144	<3.0E-07	µCi/mL	EM
0	Cesium-134	<2.0E-08	µCi/mL	IT
0	Cesium-134	<3.7E-08	µCi/mL	EM
0	Cesium-137	<3.4E-09	µCi/mL	IT
0	Cesium-137	<4.3E-08	µCi/mL	EM
0	Chromium-51	<3.1E-06	µCi/mL	EM
0	Cobalt-58	<3.3E-09	µCi/mL	IT
0	Cobalt-60	<4.4E-09	µCi/mL	IT
0	Cobalt-60	<3.5E-08	µCi/mL	EM
0	Iodine-131	<1.3E-04	µCi/mL	EM
0	Manganese-54	<3.4E-09	µCi/mL	IT
0	Niobium-95	<3.8E-09	µCi/mL	IT
0	Niobium-95	<8.8E+00	µCi/mL	EM
0	Radium-226	<1.3E-08	µCi/mL	IT
0	Radium-228	<1.4E-08	µCi/mL	IT
0	Ruthenium-103	<3.0E-09	µCi/mL	IT
0	Ruthenium-103	<1.8E-07	µCi/mL	EM
0	Ruthenium-106	<3.0E-08	µCi/mL	IT
0	Ruthenium-106	<3.8E-07	µCi/mL	EM
0	Sodium-22	<4.1E-09	µCi/mL	IT
0	Thorium-232	3.5E-09 ± 1.5E-09	µCi/mL	IT
0	Uranium-235	<2.3E-08	µCi/mL	IT
0	Uranium-238	<7.4E-08	µCi/mL	IT
0	Zinc-65	<8.7E-09	µCi/mL	IT
0	Zirconium-95	<7.8E-09	µCi/mL	IT
0	Zirconium-95	<1.6E-07	µCi/mL	EM

WELL BGO 27D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: 49.90 ft (15.21 m) below TOC
Water elevation: 226.40 ft (69.01 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.

Time: 10:15
pH: 5.6
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	IT
0	Specific conductance	34	µS/cm	IT
2	Turbidity	67	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	18	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,040	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,790	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	21	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	48	µg/L	IT
0	1,1-Dichloroethylene	J 1.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
2	Iron	315	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	12	µg/L	IT
0	Magnesium	789	µg/L	IT
1	Manganese	48	µg/L	IT

WELL BGO 27D collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Mercury	0.21	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	14	µg/L	IT
0	Nitrate as nitrogen	970	µg/L	IT
0	Nitrate as nitrogen	970	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	959	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,410	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,460	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	15,000	µg/L	IT
0	Total organic carbon	1,410	µg/L	IT
0	Total organic halogens	30	µg/L	IT
1	Total phosphates (as P)	303	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<3.4E-08	µCi/mL	EM
0	Cerium-144	<8.8E-08	µCi/mL	EM
0	Cesium-134	<1.1E-08	µCi/mL	EM
0	Cesium-137	<1.2E-08	µCi/mL	EM
0	Chromium-51	<1.4E-06	µCi/mL	EM
0	Cobalt-60	<1.5E-08	µCi/mL	EM
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Iodine-131	<1.1E-04	µCi/mL	EM
0	Niobium-95	<1.0E-07	µCi/mL	EM
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Ruthenium-103	<6.8E-08	µCi/mL	EM
0	Ruthenium-106	<1.2E-07	µCi/mL	EM
0	Total activity	1.2E-03±2.5E-05	µCi/mL	EM
0	Total radium	1.5E-09±5.0E-10	µCi/mL	IT
2	Tritium	1.2E-03±2.0E-04	µCi/mL	IT
2	Tritium	1.2E-03±2.0E-04	µCi/mL	IT
0	Zirconium-95	<8.3E-08	µCi/mL	EM

WELL BGO 28D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: 52.20 ft (15.91 m) below TOC
Water elevation: 225.20 ft (68.64 m) msl
Sp. conductance: 84 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 11:20
pH: 5.6
Alkalinity ($CaCO_3$): 7 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	76	µS/cm	IT
2	Turbidity	121	NTU	IT
2	Turbidity	123	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	30	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	17	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 28D collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,390	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	9,960	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	9.6	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	13	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
2	trans-1,2-Dichloroethene	460	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
2	Iron	385	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	19	µg/L	IT
0	Magnesium	446	µg/L	IT
2	Manganese	91	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	21	µg/L	IT
0	Nitrate as nitrogen	930	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,940	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,990	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	9,800	µg/L	IT
0	Sulfate	2,870	µg/L	T
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
1	Tetrachloroethylene	J 3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	44,000	µg/L	IT
0	Total organic carbon	1,780	µg/L	IT
0	Total organic carbon	2,280	µg/L	IT
2	Total organic halogens	414	µg/L	IT
0	Total phosphates (as P)	133	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT

WELL BGO 28D collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	190	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<3.8E-08	µCi/mL	EM
0	Cerium-144	<1.0E-07	µCi/mL	EM
0	Cesium-134	<1.4E-08	µCi/mL	EM
0	Cesium-137	<1.4E-08	µCi/mL	EM
0	Chromium-51	<2.0E-06	µCi/mL	EM
0	Cobalt-60	<1.5E-08	µCi/mL	EM
0	Gross alpha	3.6E-09 ± 1.9E-09	µCi/mL	IT
0	Iodine-131	<2.7E-04	µCi/mL	EM
0	Niobium-95	<1.3E-07	µCi/mL	EM
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Ruthenium-103	<8.5E-08	µCi/mL	EM
0	Ruthenium-106	<1.7E-07	µCi/mL	EM
0	Total activity	1.3E-01 ± 2.3E-04	µCi/mL	EM
0	Total radium	1.6E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	1.1E-01 ± 2.0E-02	µCi/mL	IT
0	Zirconium-95	<8.2E-08	µCi/mL	EM

WELL BGO 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 Time: 8:30
Depth to water: 105.12 ft (32.04 m) below TOC pH: 9.2
Water elevation: 159.08 ft (48.49 m) msl Alkalinity ($CaCO_3$): 49 mg/L
Sp. conductance: 122 µS/cm Water temperature: 17.6°C
Water evacuated before sampling: 44 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	IT
0	Specific conductance	106	µS/cm	IT
0	Turbidity	7.7	NTU	IT
0	Turbidity	7.7	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	26	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	17,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,620	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT

WELL BGO 29A collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	73	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	405	µg/L	IT
0	Manganese	1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	790	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	570	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	12,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,780	µg/L	IT
0	Sulfate	1,170	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	56,000	µg/L	IT
0	Total organic carbon	2,210	µg/L	IT
0	Total organic halogens	5.1	µg/L	IT
0	Total phosphates (as P)	174	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<1.1E-07	µCi/mL	EM
0	Cerium-144	<3.0E-07	µCi/mL	EM
0	Cesium-134	<4.0E-08	µCi/mL	EM
0	Cesium-137	<4.2E-08	µCi/mL	EM
0	Chromium-51	<2.9E-08	µCi/mL	EM
0	Cobalt-60	<3.4E-08	µCi/mL	EM
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Iodine-131	<1.2E-04	µCi/mL	EM
0	Niobium-95	<1.8E-07	µCi/mL	EM
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Ruthenium-103	<1.8E-07	µCi/mL	EM
0	Ruthenium-106	<4.0E-07	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	5.8E-06 ± 6.0E-07	µCi/mL	IT
0	Zirconium-95	<1.4E-07	µCi/mL	EM

WELL BGO 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 — Time: 11:45
Depth to water: 56.25 ft (17.15 m) below TOC — pH: 6.8
Water elevation: 218.25 ft (66.52 m) msl — Alkalinity ($CaCO_3$): 32 mg/L
Sp. conductance: 97 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 23 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	IT
0	Specific conductance	66	µS/cm	IT
2	Turbidity	743	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	13	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,110	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,150	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	J 2.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	8.4	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	253	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 30C collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Manganese	24	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	450	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,860	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,870	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	7,920	µg/L	IT
0	Sulfate	3,790	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	38,000	µg/L	IT
0	Total organic carbon	3,820	µg/L	IT
0	Total organic halogens	12	µg/L	IT
2	Total phosphates (as P)	3,300	µg/L	IT
2	Total phosphates (as P)	2,990	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	7.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	1.2	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<1.1E-07	µCi/mL	EM
0	Cerium-144	<2.7E-07	µCi/mL	EM
0	Cesium-134	<4.0E-08	µCi/mL	EM
0	Cesium-137	<4.0E-08	µCi/mL	EM
0	Chromium-51	<3.2E-06	µCi/mL	EM
0	Cobalt-60	<3.6E-08	µCi/mL	EM
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Iodine-131	<1.2E-04	µCi/mL	EM
0	Niobium-95	<2.2E-07	µCi/mL	EM
0	Nonvolatile beta	6.7E-08±3.5E-09	µCi/mL	IT
0	Ruthenium-103	<1.9E-07	µCi/mL	EM
0	Ruthenium-106	<4.1E-07	µCi/mL	EM
0	Total activity	3.6E-04±4.2E-06	µCi/mL	EM
0	Total radium	1.7E-09±5.0E-10	µCi/mL	IT
2	Tritium	1.9E-04±2.0E-05	µCi/mL	IT
0	Zirconium-95	<1.5E-07	µCi/mL	EM

WELL BGO 30D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: 49.91 ft (15.21 m) below TOC
Water elevation: 224.89 ft (68.55 m) msl
Sp. conductance: 93 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 14:00
pH: 5.5
Alkalinity ($CaCO_3$): 13 mg/L
Water temperature: 21.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	IT
0	Specific conductance	55	µS/cm	IT
1	Turbidity	37	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	11	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	35	µg/L	IT
0	Benzene	J 1.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT

WELL BGO 30D collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,360	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	7,730	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	14	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	8.1	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
2	1,1-Dichloroethane	52	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
2	trans-1,2-Dichloroethene	620	µg/L	IT
2	1,1-Dichloroethylene	17	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	125	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	9.0	µg/L	IT
0	Magnesium	427	µg/L	IT
2	Manganese	85	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	15	µg/L	IT
0	Nitrate as nitrogen	740	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,140	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,290	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	9,240	µg/L	IT
0	Sulfate	1,780	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	27,000	µg/L	IT
0	Total organic carbon	3,470	µg/L	IT
2	Total organic halogens	452	µg/L	IT
0	Total phosphates (as P)	141	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT

WELL BGO 30D collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	85	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<4.8E-08	µCi/mL	EM
0	Cerium-144	<1.2E-07	µCi/mL	EM
0	Cesium-134	<1.7E-08	µCi/mL	EM
0	Cesium-137	<2.0E-08	µCi/mL	EM
0	Chromium-51	<1.2E-07	µCi/mL	EM
0	Cobalt-60	<2.0E-08	µCi/mL	EM
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Iodine-131	<3.6E-04	µCi/mL	EM
0	Niobium-95	<1.9E-07	µCi/mL	EM
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Ruthenium-103	<1.4E-07	µCi/mL	EM
0	Ruthenium-106	<2.3E-07	µCi/mL	EM
0	Total activity	3.9E-02±1.3E-04	µCi/mL	EM
0	Total radium	2.2E-09±5.0E-10	µCi/mL	IT
2	Tritium	3.3E-02±4.0E-03	µCi/mL	IT
0	Zirconium-95	<1.0E-07	µCi/mL	EM

WELL BGO 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: 48.31 ft (14.73 m) below TOC
Water elevation: 224.79 ft (68.52 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 30 gal
The well went dry during purging.

Time: 12:25
pH: 5.7
Alkalinity ($CaCO_3$): 6 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	IT
0	Specific conductance	38	µS/cm	IT
0	Specific conductance	38	µS/cm	IT
2	Turbidity	156	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	7.7	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo(a)anthracene	<10	µg/L	IT
0	Benzo(a)pyrene	<10	µg/L	IT
0	Benzo(b)fluoranthene	<10	µg/L	IT
0	Benzo(g,h,i)perylene	<10	µg/L	IT
0	Benzo(k)fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,490	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,610	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT

WELL BGO 31C collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	J 1.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	15	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	425	µg/L	IT
0	Manganese	18	µg/L	IT
0	Mercury	0.21	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	820	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,280	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,720	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	14,000	µg/L	IT
0	Total organic carbon	2,790	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	31	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
1	Trichloroethylene	J 3.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<1.2E-07	µCi/mL	EM
0	Cerium-144	<3.1E-07	µCi/mL	EM
0	Cesium-134	<4.2E-08	µCi/mL	EM
0	Cesium-137	<4.1E-08	µCi/mL	EM
0	Chromium-51	<3.3E-08	µCi/mL	EM
0	Cobalt-60	<3.3E-08	µCi/mL	EM
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Iodine-131	<1.2E-04	µCi/mL	EM
0	Niobium-95	<2.0E-07	µCi/mL	EM
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Ruthenium-103	<1.7E-07	µCi/mL	EM
0	Ruthenium-106	<4.2E-07	µCi/mL	EM
0	Total activity	2.5E-04±3.4E-08	µCi/mL	EM
0	Total radium	1.4E-09±5.0E-10	µCi/mL	IT
2	Tritium	1.8E-04±2.0E-05	µCi/mL	IT
0	Zirconium-95	<1.4E-07	µCi/mL	EM

ANALYTICAL RESULTS

WELL BGO 31D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: 47.90 ft (14.60 m) below TOC
Water elevation: 225.80 ft (68.82 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 12:10
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	24	µS/cm	IT
0	Turbidity	12	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	22	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	7.9	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	513	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,210	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	11	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
1	trans-1,2-Dichloroethene	52	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	27	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	15	µg/L	IT
0	Magnesium	1,170	µg/L	IT

WELL BGO 31D collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Manganese	17	µg/L	IT
0	Mercury	0.21	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	7.3	µg/L	IT
0	Nitrate as nitrogen	1,070	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,650	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,050	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	12,000	µg/L	IT
0	Total dissolved solids	10,000	µg/L	IT
0	Total organic carbon	1,580	µg/L	IT
0	Total organic halogens	48	µg/L	IT
0	Total phosphates (as P)	81	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<1.1E-07	µCi/mL	EM
0	Cerium-144	<2.9E-07	µCi/mL	EM
0	Cesium-134	<4.4E-08	µCi/mL	EM
0	Cesium-137	<4.1E-08	µCi/mL	EM
0	Chromium-51	<3.4E-06	µCi/mL	EM
0	Cobalt-60	<3.3E-08	µCi/mL	EM
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Iodine-131	<1.2E-04	µCi/mL	EM
0	Niobium-95	<2.2E-07	µCi/mL	EM
0	Nonvolatile beta	5.7E-09 ± 3.3E-09	µCi/mL	IT
0	Ruthenium-103	<1.9E-07	µCi/mL	EM
0	Ruthenium-106	<4.3E-07	µCi/mL	EM
0	Total activity	9.2E-04 ± 6.5E-06	µCi/mL	EM
0	Total radium	1.5E-09 ± 5.0E-10	µCi/mL	IT
2	Tritium	2.4E-04 ± 3.0E-05	µCi/mL	IT
0	Zirconium-95	<1.5E-07	µCi/mL	EM

WELL BGO 32D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: 55.05 ft (16.78 m) below TOC
Water elevation: 226.65 ft (69.08 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 12:40
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	48	µS/cm	IT
2	Turbidity	100	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
1	Aluminum	178	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	59	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT

WELL BGO 32D collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,100	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,760	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	36	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
1	trans-1,2-Dichloroethene	54	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	37	µg/L	IT
0	Isophorone	<10	µg/L	IT
1	Lead	31	µg/L	IT
0	Magnesium	1,090	µg/L	IT
0	Manganese	24	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	8.4	µg/L	IT
0	Nitrate as nitrogen	3,590	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	502	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,290	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	5,110	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	23	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	36,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
1	Total organic halogens	88	µg/L	IT
0	Total phosphates (as P)	150	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT

WELL BGO 32D collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	21	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<3.3E-08	µCi/mL	EM
0	Cerium-144	<8.9E-08	µCi/mL	EM
0	Cesium-134	<1.2E-08	µCi/mL	EM
0	Cesium-137	<1.5E-08	µCi/mL	EM
0	Chromium-51	<2.7E-07	µCi/mL	EM
0	Cobalt-60	<1.5E-08	µCi/mL	EM
1	Gross alpha	7.7E-09 ± 3.2E-09	µCi/mL	IT
0	Iodine-131	<4.2E-07	µCi/mL	EM
0	Niobium-95	<2.9E-08	µCi/mL	EM
0	Nonvolatile beta	5.8E-09 ± 3.3E-09	µCi/mL	IT
2	Radium-226	4.0E-09 ± 7.0E-10	µCi/mL	IT
0	Radium-228	1.4E-09 ± 6.0E-10	µCi/mL	IT
0	Ruthenium-103	<2.3E-08	µCi/mL	EM
0	Ruthenium-106	<1.4E-07	µCi/mL	EM
0	Total activity	1.5E-02 ± 8.3E-05	µCi/mL	EM
2	Tritium	8.3E-03 ± 9.0E-04	µCi/mL	IT
2	Tritium	8.3E-03 ± 9.0E-04	µCi/mL	IT
0	Zirconium-95	<3.7E-08	µCi/mL	EM

WELL BGO 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 — Time: 12:30
Depth to water: 54.78 ft (16.70 m) below TOC — pH: 5.8
Water elevation: 224.82 ft (68.47 m) msl — Alkalinity ($CaCO_3$): 12 mg/L
Sp. conductance: 85 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 123 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	IT
0	Specific conductance	59	µS/cm	IT
0	Turbidity	0.40	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	16	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5,370	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	5,090	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	10	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 33C collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
2	trans-1,2-Dichloroethene	130	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	7.9	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	851	µg/L	IT
1	Manganese	32	µg/L	IT
0	Mercury	0.40	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,070	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	520	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,820	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
1	Tetrachloroethylene	J 3.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	19,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
2	Total organic halogens	127	µg/L	IT
0	Total phosphates (as P)	51	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	18	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.8E-08	µCi/mL	EM
0	Cerium-144	<1.3E-07	µCi/mL	EM
0	Cesium-134	<2.0E-08	µCi/mL	EM
0	Cesium-137	<1.8E-08	µCi/mL	EM
0	Chromium-51	<2.7E-08	µCi/mL	EM
0	Cobalt-60	<2.3E-08	µCi/mL	EM
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Iodine-131	<4.2E-04	µCi/mL	EM
0	Niobium-95	<1.8E-07	µCi/mL	EM
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Ruthenium-103	<1.2E-07	µCi/mL	EM
0	Ruthenium-106	<2.3E-07	µCi/mL	EM
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Total activity	6.2E-03±5.3E-05	µCi/mL	EM
2	Tritium	5.4E-03±6.0E-04	µCi/mL	IT
0	Uranium-234	1.6E-09±4.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Zirconium-95	<1.0E-07	µCi/mL	EM

WELL BGO 33D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 Time: 11:55
Depth to water: 51.19 ft (15.60 m) below TOC pH: 4.8
Water elevation: 229.11 ft (69.83 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 72 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 11 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
0	Specific conductance	71	µS/cm	IT
1	Turbidity	36	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	75	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	23	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,080	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	14,200	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	8.9	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
1	Iron	195	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	10	µg/L	IT
0	Magnesium	1,980	µg/L	IT

WELL BGO 33D collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Manganese	11	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	2.6	µg/L	IT
0	Nitrate as nitrogen	2,140	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,980	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	4,670	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,100	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	32,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	68	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<1.1E-07	µCi/mL	EM
0	Cerium-144	<2.9E-07	µCi/mL	EM
0	Cesium-134	<3.7E-08	µCi/mL	EM
0	Cesium-137	<4.1E-08	µCi/mL	EM
0	Chromium-51	<3.1E-08	µCi/mL	EM
0	Cobalt-60	<3.7E-08	µCi/mL	EM
0	Gross alpha	5.6E-09±2.4E-09	µCi/mL	IT
0	Iodine-131	<8.7E-05	µCi/mL	EM
0	Niobium-95	<2.1E-07	µCi/mL	EM
0	Nonvolatile beta	7.7E-09±3.8E-09	µCi/mL	IT
0	Ruthenium-103	<1.7E-07	µCi/mL	EM
0	Ruthenium-106	<3.8E-07	µCi/mL	EM
0	Total activity	8.4E-05±2.1E-06	µCi/mL	EM
1	Total radium	3.8E-09±6.0E-10	µCi/mL	IT
2	Tritium	9.2E-05±1.0E-05	µCi/mL	IT
0	Zirconium-95	<1.5E-07	µCi/mL	EM

WELL BGO 34D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: 43.29 ft (13.19 m) below TOC
Water elevation: 231.61 ft (70.60 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging.

Time: 13:00
pH: 5.4
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	IT
0	Specific conductance	33	µS/cm	IT
0	Turbidity	11	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	21	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	27	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT

WELL BGO 34D collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,010	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,820	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	4.8	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	61	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	8.4	µg/L	IT
0	Magnesium	708	µg/L	IT
0	Manganese	7.3	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	780	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	540	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,930	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,100	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	13,000	µg/L	IT
0	Total organic carbon	1,340	µg/L	IT
0	Total organic halogens	13	µg/L	IT
0	Total organic halogens	8.6	µg/L	IT
0	Total phosphates (as P)	38	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 34D collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<1.1E-07	µCi/mL	EM
0	Cerium-144	<3.0E-07	µCi/mL	EM
0	Cesium-134	<4.2E-08	µCi/mL	EM
0	Cesium-137	<4.1E-08	µCi/mL	EM
0	Chromium-51	<3.2E-08	µCi/mL	EM
0	Cobalt-60	<3.4E-08	µCi/mL	EM
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Iodine-131	<1.2E-04	µCi/mL	EM
0	Niobium-95	<2.2E-07	µCi/mL	EM
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Ruthenium-103	<1.8E-07	µCi/mL	EM
0	Ruthenium-106	<3.8E-07	µCi/mL	EM
2	Total radium	1.6E-08±2.0E-09	µCi/mL	IT
2	Tritium	2.0E-05±2.0E-06	µCi/mL	IT
0	Zirconium-95	<1.5E-07	µCi/mL	EM

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91 — Time: 14:20
Depth to water: 45.23 ft (13.79 m) below TOC — pH: 10.2
Water elevation: 228.17 ft (69.55 m) msl — Alkalinity ($CaCO_3$): 46 mg/L
Sp. conductance: 118 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 174 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.7	pH	GE
1	pH	9.7	pH	GE
2	pH	10	pH	IT
0	Specific conductance	65	µS/cm	GE
0	Specific conductance	66	µS/cm	GE
0	Specific conductance	99	µS/cm	IT
0	Turbidity	0.23	NTU	GE
0	Turbidity	0.26	NTU	GE
0	Turbidity	0.090	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
2	Aluminum	520	µg/L	GE
2	Aluminum	530	µg/L	GE
2	Aluminum	418	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	20	µg/L	GE
0	Barium	19	µg/L	GE
0	Barium	17	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	13,000	µg/L	GE

WELL BGO 35C collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	13,000	µg/L	GE
0	Calcium	9,810	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,740	µg/L	GE
0	Chloride	1,730	µg/L	GE
0	Chloride	1,890	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT

WELL BGO 35C collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	14	µg/L	GE
0	Iron	16	µg/L	GE
0	Iron	8.4	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	8.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	250	µg/L	GE
0	Magnesium	250	µg/L	GE
0	Magnesium	204	µg/L	IT
0	Manganese	6.5	µg/L	GE
0	Manganese	7.0	µg/L	GE
0	Manganese	5.8	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	0.49	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,080	µg/L	GE
0	Nitrate as nitrogen	1,070	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,000	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silica	6,980	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,000	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sodium	1,890	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	53,000	µg/L	GE
0	Total dissolved solids	54,000	µg/L	GE
0	Total dissolved solids	51,000	µg/L	IT
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	IT
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	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	30	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-T[a] (Silvex)	<0.090	µg/L	GE
0	2,4,5-T[a] (Silvex)	<0.090	µg/L	GE
0	2,4,5-T[a] (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
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	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE

WELL BGO 35C collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	2.4	µg/L	IT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<4.4E-08	µCi/mL	IT
0	Antimony-125	<1.0E-07	µCi/mL	EM
0	Cerium-141	<8.2E-09	µCi/mL	IT
0	Cerium-144	<2.6E-07	µCi/mL	IT
0	Cerium-144	<2.9E-07	µCi/mL	EM
0	Cesium-134	<3.4E-08	µCi/mL	IT
0	Cesium-134	<4.1E-08	µCi/mL	EM
0	Cesium-137	<5.5E-09	µCi/mL	IT
0	Cesium-137	<4.1E-08	µCi/mL	EM
0	Chromium-51	<2.7E-06	µCi/mL	EM
0	Cobalt-58	<5.5E-09	µCi/mL	IT
0	Cobalt-60	<7.8E-09	µCi/mL	IT
0	Cobalt-60	<3.2E-08	µCi/mL	EM
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<5.0E-09	µCi/mL	IT
0	Iodine-131	<1.1E-04	µCi/mL	EM
0	Manganese-54	<5.0E-09	µCi/mL	IT
0	Niobium-95	<5.3E-09	µCi/mL	IT
0	Niobium-95	<1.9E-07	µCi/mL	EM
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-226	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<5.4E-09	µCi/mL	IT
0	Ruthenium-103	<1.8E-07	µCi/mL	EM
0	Ruthenium-106	<4.9E-08	µCi/mL	IT
0	Ruthenium-106	<4.2E-07	µCi/mL	EM
0	Sodium-22	<6.3E-09	µCi/mL	IT
0	Thorium-232	<9.2E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	5.5E-08 ± 4.0E-07	µCi/mL	GE
0	Tritium	5.1E-08 ± 4.0E-07	µCi/mL	GE
0	Tritium	<1.0E-08	µCi/mL	IT
0	Uranium-235	<3.9E-08	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.5E-08	µCi/mL	IT
0	Zirconium-95	<1.2E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-07	µCi/mL	EM

WELL BGO 35C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91
Depth to water: 45.23 ft (13.79 m) below TOC
Water elevation: 228.17 ft (69.55 m) msl
Sp. conductance: 118 µS/cm
Water evacuated before sampling: 174 gal
Time: 14:20
pH: 10.2
Alkalinity ($CaCO_3$): 46 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.4	pH	GE
2	pH	10	pH	IT
0	Specific conductance	81	µS/cm	GE
0	Specific conductance	98	µS/cm	IT
0	Turbidity	0.18	NTU	GE
0	Turbidity	0.10	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Acetophenone	<10	µg/L	GE
2	Aluminum	490	µg/L	GE
2	Aluminum	432	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	19	µg/L	GE
0	Barium	17	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 35C collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	12,000	µg/L	GE
0	Calcium	11,700	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,730	µg/L	GE
0	Chloride	1,930	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	17	µg/L	GE
0	Iron	<5.0	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	4.0	µg/L	GE
0	Lead	<2.0	µg/L	IT

WELL BGO 35C collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Magnesium	220	µg/L	GE
0	Magnesium	196	µg/L	IT
0	Manganese	5.4	µg/L	GE
0	Manganese	5.5	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	0.42	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,070	µg/L	GE
0	Nitrate as nitrogen	940	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	518	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	7,000	µg/L	GE
0	Silica	6,790	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,900	µg/L	GE
0	Sodium	1,890	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	47,000	µg/L	GE
0	Total dissolved solids	102,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	30	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	2.5	µg/L	IT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<3.8E-08	µCi/mL	IT
0	Antimony-125	<4.8E-08	µCi/mL	IT
0	Antimony-125	<2.9E-08	µCi/mL	EM
0	Cerium-141	<7.0E-09	µCi/mL	IT
0	Cerium-141	<9.0E-09	µCi/mL	IT
0	Cerium-144	<2.4E-07	µCi/mL	IT
0	Cerium-144	<3.0E-07	µCi/mL	IT
0	Cerium-144	<9.7E-08	µCi/mL	EM
0	Cesium-134	<2.9E-08	µCi/mL	IT
0	Cesium-134	<3.2E-08	µCi/mL	IT
0	Cesium-134	<1.4E-08	µCi/mL	EM
0	Cesium-137	<5.7E-09	µCi/mL	IT
0	Cesium-137	<6.3E-09	µCi/mL	IT
0	Cesium-137	<1.2E-08	µCi/mL	EM
0	Chromium-51	<5.6E-06	µCi/mL	EM
0	Cobalt-58	<5.5E-09	µCi/mL	IT
0	Cobalt-58	<7.2E-09	µCi/mL	IT
0	Cobalt-60	<7.1E-09	µCi/mL	IT
0	Cobalt-60	<8.0E-09	µCi/mL	IT
0	Cobalt-60	<1.4E-08	µCi/mL	EM
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Iodine-131	<2.3E-02	µCi/mL	EM
0	Manganese-54	<4.7E-09	µCi/mL	IT
0	Manganese-54	<6.4E-09	µCi/mL	IT
0	Niobium-95	<5.2E-09	µCi/mL	IT

WELL BGO 35C collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Niobium-95	<7.2E-09	µCi/mL	IT
0	Niobium-95	<3.1E-07	µCi/mL	EM
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.8E-08	µCi/mL	IT
0	Radium-226	<2.2E-08	µCi/mL	IT
0	Radium-228	<8.9E-08	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<4.7E-09	µCi/mL	IT
0	Ruthenium-103	<8.0E-09	µCi/mL	IT
0	Ruthenium-103	<2.3E-07	µCi/mL	EM
0	Ruthenium-106	<4.2E-08	µCi/mL	IT
0	Ruthenium-106	<5.7E-08	µCi/mL	IT
0	Ruthenium-106	<1.3E-07	µCi/mL	EM
0	Sodium-22	<8.4E-09	µCi/mL	IT
0	Sodium-22	<9.4E-09	µCi/mL	IT
1	Thorium-232	9.6E-09±2.5E-09	µCi/mL	IT
1	Thorium-232	8.9E-09±2.7E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	4.9E-06±4.0E-07	µCi/mL	GE
0	Tritium	4.2E-06±5.0E-07	µCi/mL	IT
0	Tritium	4.0E-06±8.9E-07	µCi/mL	EM
0	Uranium-235	<3.5E-08	µCi/mL	IT
0	Uranium-235	<4.3E-08	µCi/mL	IT
0	Uranium-238	<1.1E-07	µCi/mL	IT
0	Uranium-238	<1.4E-07	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zinc-65	<1.5E-08	µCi/mL	IT
0	Zirconium-95	<1.1E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.2E-07	µCi/mL	EM

WELL BGO 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: 40.22 ft (12.26 m) below TOC
Water elevation: 233.28 ft (71.10 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 13:20
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
0	Specific conductance	44	µS/cm	IT
2	Turbidity	136	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	58	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	11	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	348	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,990	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	28	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT

WELL BGO 35D collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	29	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	7.2	µg/L	IT
0	Magnesium	414	µg/L	IT
0	Manganese	3.3	µg/L	IT
0	Mercury	0.21	µg/L	IT
0	Mercury	0.21	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	3,210	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,330	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	5,500	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	33,000	µg/L	IT
0	Total organic carbon	1,700	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	115	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<1.1E-07	µCi/mL	EM
0	Cerium-144	<2.9E-07	µCi/mL	EM
0	Cesium-134	<3.8E-08	µCi/mL	EM
0	Cesium-137	<4.2E-08	µCi/mL	EM
0	Chromium-51	<2.9E-08	µCi/mL	EM
0	Cobalt-60	<3.7E-08	µCi/mL	EM
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Iodine-131	<1.1E-04	µCi/mL	EM
0	Niobium-95	<2.0E-07	µCi/mL	EM
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Ruthenium-103	<1.8E-07	µCi/mL	EM
0	Ruthenium-106	<4.2E-07	µCi/mL	EM
0	Total activity	4.5E-04±4.5E-08	µCi/mL	EM
0	Total radium	2.2E-09±7.0E-10	µCi/mL	IT
2	Tritium	3.8E-04±4.0E-05	µCi/mL	IT
0	Zirconium-95	<1.5E-07	µCi/mL	EM

ANALYTICAL RESULTS

WELL BGO 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: 40.42 ft (12.32 m) below TOC
Water elevation: 234.98 ft (71.62 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 13:35
pH: 5.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	IT
0	Specific conductance	27	µS/cm	IT
2	Turbidity	292	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	20	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	23	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	158	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,560	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	27	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
1	Iron	239	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	16	µg/L	IT
0	Magnesium	436	µg/L	IT

WELL BGO 36D collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Manganese	24	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	9.8	µg/L	IT
0	Nitrate as nitrogen	820	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	6.8	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,510	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,790	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	12,000	µg/L	IT
0	Total organic carbon	1,150	µg/L	IT
0	Total organic halogens	11	µg/L	IT
2	Total phosphates (as P)	1,370	µg/L	IT
2	Total phosphates (as P)	1,570	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<1.1E-07	µCi/mL	EM
0	Cerium-144	<2.9E-07	µCi/mL	EM
0	Cesium-134	<4.5E-08	µCi/mL	EM
0	Cesium-137	<4.0E-08	µCi/mL	EM
0	Chromium-51	<3.1E-06	µCi/mL	EM
0	Cobalt-60	<3.3E-08	µCi/mL	EM
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Iodine-131	<1.2E-04	µCi/mL	EM
0	Niobium-95	<2.2E-07	µCi/mL	EM
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Ruthenium-103	<1.8E-07	µCi/mL	EM
0	Ruthenium-106	<4.3E-07	µCi/mL	EM
0	Total radium	1.5E-09±4.0E-10	µCi/mL	IT
2	Tritium	2.2E-05±3.0E-06	µCi/mL	IT
0	Zirconium-95	<1.6E-07	µCi/mL	EM

WELL BGO 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91
Depth to water: 56.27 ft (17.15 m) below TOC
Water elevation: 230.03 ft (70.11 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 161 gal

Time: 11:30
pH: 5.1
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	39	µS/cm	IT
0	Turbidity	0.20	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	17	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	8.7	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT

WELL BGO 37C collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,500	µg/L	IT
2	Carbon tetrachloride	12	µg/L	IT
0	Chloride	2,020	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
1	Chloroform	61	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	2.1	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthrace ne	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
2	trans-1,2-Dichloroethene	300	µg/L	IT
1	1,1-Dichloroethylene	5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	J 1.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	11	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	2.2	µg/L	IT
0	Magnesium	480	µg/L	IT
0	Manganese	19	µg/L	IT
0	Mercury	0.52	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,480	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,760	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,830	µg/L	IT
0	Sulfate	1,100	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	13	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	9,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
2	Total organic halogens	892	µg/L	IT
0	Total phosphates (as P)	18	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT

WELL BGO 37C collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	890	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<3.4E-08	µCi/mL	EM
0	Cerium-144	<8.1E-08	µCi/mL	EM
0	Cesium-134	<1.5E-08	µCi/mL	EM
0	Cesium-137	<1.4E-08	µCi/mL	EM
0	Chromium-51	<4.6E-07	µCi/mL	EM
0	Cobalt-60	<1.6E-08	µCi/mL	EM
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Iodine-131	<3.8E-08	µCi/mL	EM
0	Niobium-95	<4.8E-08	µCi/mL	EM
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Radium-226	1.2E-09 ± 5.0E-10	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Ruthenium-103	<3.6E-08	µCi/mL	EM
0	Ruthenium-106	<1.3E-07	µCi/mL	EM
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Total activity	2.1E-02 ± 9.7E-05	µCi/mL	EM
2	Tritium	1.9E-02 ± 2.0E-03	µCi/mL	IT
0	Uranium-234	9.9E-09 ± 1.6E-09	µCi/mL	IT
0	Uranium-235	2.4E-09 ± 8.0E-10	µCi/mL	IT
0	Uranium-238	1.6E-09 ± 7.0E-10	µCi/mL	IT
0	Zirconium-95	<4.7E-08	µCi/mL	EM

WELL BGO 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 — Time: 10:55
Depth to water: 51.53 ft (15.71 m) below TOC — pH: 5.3
Water elevation: 235.77 ft (71.86 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 50 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	37	µS/cm	IT
2	Turbidity	234	NTU	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	9.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	795	µg/L	IT
0	Calcium	742	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,290	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Copper	3.2	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT

ANALYTICAL RESULTS

WELL BGO 37D collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	23	µg/L	IT
0	Iron	21	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	8.5	µg/L	IT
0	Magnesium	301	µg/L	IT
1	Manganese	30	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nickel	6.1	µg/L	IT
0	Nitrate as nitrogen	3,130	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,650	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	5,910	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	23,000	µg/L	IT
0	Total organic carbon	1,550	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	12	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<1.1E-07	µCi/mL	EM
0	Cerium-144	<3.0E-07	µCi/mL	EM
0	Cesium-134	<4.2E-08	µCi/mL	EM
0	Cesium-137	<4.1E-08	µCi/mL	EM
0	Chromium-51	<3.0E-08	µCi/mL	EM
0	Cobalt-60	<3.1E-08	µCi/mL	EM
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Iodine-131	<1.0E-04	µCi/mL	EM
0	Niobium-95	<1.9E-07	µCi/mL	EM
0	Nonvolatile beta	7.9E-09±3.4E-09	µCi/mL	IT
0	Ruthenium-103	<1.8E-07	µCi/mL	EM
0	Ruthenium-106	<3.8E-07	µCi/mL	EM
0	Total radium	1.8E-09±5.0E-10	µCi/mL	IT
2	Tritium	2.0E-05±2.0E-06	µCi/mL	IT
0	Zirconium-95	<1.4E-07	µCi/mL	EM

WELL BGO 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91
Depth to water: 57.99 ft (17.68 m) below TOC
Water elevation: 233.61 ft (71.21 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 10:00
pH: 4.5
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	Specific conductance	26	µS/cm	IT
0	Specific conductance	26	µS/cm	IT
2	Turbidity	348	NTU	IT
1	Aluminum	138	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	12	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	97	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,190	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	8.5	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	25	µg/L	IT
0	Lead	4.9	µg/L	IT
0	Magnesium	596	µg/L	IT
0	Manganese	8.5	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	2.7	µg/L	IT
0	Nitrate as nitrogen	1,580	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,390	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,880	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	24,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	89	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<1.1E-07	µCi/mL	EM
0	Cerium-144	<2.9E-07	µCi/mL	EM
0	Cesium-134	<4.2E-08	µCi/mL	EM
0	Cesium-137	<4.4E-08	µCi/mL	EM
0	Chromium-51	<4.7E-08	µCi/mL	EM
0	Cobalt-60	<2.9E-08	µCi/mL	EM
0	Gross alpha	5.2E-09±2.9E-09	µCi/mL	IT
0	Iodine-131	<4.9E-04	µCi/mL	EM
0	Niobium-95	<3.1E-07	µCi/mL	EM
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Ruthenium-103	<2.5E-07	µCi/mL	EM
0	Ruthenium-106	<3.9E-07	µCi/mL	EM
0	Total radium	1.4E-09±4.0E-10	µCi/mL	IT
2	Tritium	2.3E-05±3.0E-06	µCi/mL	IT
0	Zirconium-95	<1.9E-07	µCi/mL	EM

WELL BGO 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 Time: 9:40
Depth to water: 82.36 ft (19.01 m) below TOC pH: 4.8
Water elevation: 233.34 ft (71.12 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 32 µS/cm Water temperature: 17.1°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	Specific conductance	29	µS/cm	IT
1	Turbidity	29	NTU	IT
0	Aluminum	82	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	34	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,930	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	4.4	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	88	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	102	µg/L	IT
0	Manganese	1.9	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,070	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,420	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,320	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	22,000	µg/L	IT
0	Total organic carbon	1,360	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	42	µg/L	IT
0	Total phosphates (as P)	61	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Antimony-125	<1.2E-07	µCi/mL	EM
0	Cerium-144	<3.3E-07	µCi/mL	EM
0	Cesium-134	<4.3E-08	µCi/mL	EM
0	Cesium-137	<4.0E-08	µCi/mL	EM
0	Chromium-51	<4.5E-08	µCi/mL	EM
0	Cobalt-60	<3.9E-08	µCi/mL	EM
0	Gross alpha	4.3E-09 ± 2.4E-09	µCi/mL	IT
0	Iodine-131	<5.4E-04	µCi/mL	EM
0	Niobium-95	<3.2E-07	µCi/mL	EM
0	Nonvolatile beta	7.2E-09 ± 3.3E-09	µCi/mL	IT
0	Ruthenium-103	<2.8E-07	µCi/mL	EM
0	Ruthenium-106	<4.3E-07	µCi/mL	EM
1	Total radium	2.5E-09 ± 5.0E-10	µCi/mL	IT
2	Tritium	3.0E-05 ± 3.0E-06	µCi/mL	IT
0	Zirconium-95	<1.9E-07	µCi/mL	EM

WELL BRD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91 Time: 9:20
Depth to water: 40.24 ft (12.27 m) below TOC pH: 5.2
Water elevation: 185.56 ft (50.48 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 28 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	18	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	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	2,170	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	7.7	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE

ANALYTICAL RESULTS

WELL BRD 1 collected on 02/14/91, laboratory analyses (continued)

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	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-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	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	110	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	10	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	400	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyriene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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 BRD 1 collected on 02/14/91, laboratory analyses (continued)

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	7.1	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
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	1,240	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	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	17	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BRD 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: 38.56 ft (11.75 m) below TOC
Water elevation: 188.74 ft (51.43 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 53 gal

Time: 11:40
pH: 5.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	19	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)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Aramite	< 10	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	Lindane	< 0.0050	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 20	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,100	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	1,840	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	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	530	µg/L	GE
0	o-Cresol (2-Methylphenol)	< 10	µg/L	GE
0	m-Cresol (3-Methylphenol)	< 10	µg/L	GE
0	p-Cresol (4-Methylphenol)	< 10	µg/L	GE
0	Cyanide	< 5.0	µg/L	GE
0	p,p'-DDD	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	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	< 50	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	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE

WELL BRD 2 collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 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	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0.50	µg/L	GE
0	Endosulfan II	< 0.50	µg/L	GE
0	Endosulfan sulfate	< 0.50	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachlorophene	< 50	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	2-Hexanone	< 20	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
1	Lead	47	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	420	µg/L	GE
0	Manganese	9.4	µg/L	GE
1	Mercury	1.3	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 methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	4-Methyl-2-pentanone	< 1.0	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	1,430	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 BRD 2 collected on 02/14/91, laboratory analyses (continued)

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	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	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	Styrene	<1.0	µg/L	GE
0	Sulfate	1,740	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
2	Tetrachloroethylene	28	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	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	o-Toluidine	<10	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	28	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	91	µg/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
0	Tritium	2.4E-06 ± 3.0E-07	µCi/mL	GE

WELL BRD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91 Time: 12:05
The well was dry.

WELL BRD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91 Time: 11:00
Depth to water: 33.51 ft (10.21 m) below TOC pH: 5.0
Water elevation: 184.39 ft (50.11 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 27 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 93 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	18	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.25	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	920	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	1,820	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	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	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE

WELL BRD 4 collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-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	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.25	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	37	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	Lithium	<5.0	µg/L	GE
0	Magnesium	480	µg/L	GE
0	Manganese	5.8	µg/L	GE
0	Mercury	0.71	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<5.0	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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	1,550	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 BRD 4 collected on 02/14/91, laboratory analyses (continued)

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	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	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	Styrene	<1.0	µg/L	GE
0	Sulfate	2,250	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	55	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	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	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.25	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	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	6.0	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	7.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.5E-08 ± 3.0E-07	µCi/mL	GE

WELL BRD 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91 — Time: 10:00
Depth to water: 40.27 ft (12.27 m) below TOC — pH: 5.5
Water elevation: 184.73 ft (50.21 m) msl — Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 17.3°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	22	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)	<100	µg/L	GE

ANALYTICAL RESULTS

WELL BRD 5D collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,900	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	2,170	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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 BRD 5D collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	170	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	Lithium	<5.0	µg/L	GE
0	Magnesium	480	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 methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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	1,550	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE

WELL BRD 5D collected on 02/14/91, laboratory analyses (continued)

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	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	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	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	33	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	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	o-Toluidine	<10	µg/L	GE
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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	11	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09±2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL BRR 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91
Depth to water: 81.21 ft (24.75 m) below TOC
Water elevation: 214.69 ft (65.44 m) msl
Sp. conductance: 63 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 9:50
pH: 5.8
Alkalinity ($CaCO_3$): 18 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	IT
0	pH	6.0	pH	IT
0	Specific conductance	66	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	8.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,610	µg/L	IT
0	Carbon disulfide	<5.0	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,010	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT

WELL BRR 1D collected on 03/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	134	µg/L	IT
0	Lead	3.0	µg/L	IT
0	Magnesium	314	µg/L	IT
1	Manganese	39	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,840	µg/L	IT
0	Phenols	9.7	µg/L	IT
0	Potassium	759	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	8,790	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	10,100	µg/L	IT
0	Sulfate	4,820	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	58,000	µg/L	IT
0	Total organic carbon	1,880	µg/L	IT
0	Total organic halogens	19	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<2.0E-08	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
1	Tritium	1.5E-05±2.0E-06	µCi/mL	IT

WELL BRR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91
Depth to water: 78.38 ft (23.89 m) below TOC
Water elevation: 213.52 ft (65.08 m) msl
Sp. conductance: 107 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 10:15
pH: 6.2
Alkalinity ($CaCO_3$) 29 mg/L
Water temperature: 17.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	IT
0	Specific conductance	103	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	19	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,220	µg/L	IT
0	Carbon disulfide	<5.0	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,400	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	49	µg/L	IT
0	Lead	2.4	µg/L	IT
0	Magnesium	382	µg/L	IT
2	Manganese	61	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT

ANALYTICAL RESULTS

WELL BRR 2D collected on 03/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,500	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,620	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	7,470	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	18,300	µg/L	IT
0	Sulfate	4,330	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	84,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	5.5E-09 ± 2.2E-09	µCi/mL	IT
0	Nonvolatile beta	8.7E-09 ± 3.3E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	1.8E-04 ± 2.0E-05	µCi/mL	IT

WELL BRR 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91
Depth to water: 78.42 ft (23.90 m) below TOC
Water elevation: 213.26 ft (65.01 m) msl
Sp. conductance: 73 µS/cm
Water evacuated before sampling: 12 gal
The well went dry during purging.

Time: 10:40
pH: 5.6
Alkalinity ($CaCO_3$): 8 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	70	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	19	µg/L	IT
1	Benzene	BJ 4.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,420	µg/L	IT
0	Carbon disulfide	<5.0	µg/L	IT
0	Carbon tetrachloride	J 2.0	µg/L	IT
0	Chloride	2,950	µg/L	IT
0	Chlorobenzene	J 3.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	J 2.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	J 2.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	148	µg/L	IT
0	Lead	13	µg/L	IT
0	Magnesium	1,100	µg/L	IT
2	Manganese	93	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	3,260	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,260	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	6,260	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	6,280	µg/L	IT
0	Sulfate	2,700	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	J 2.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	80,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT

WELL BRR 3D collected on 03/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	J 2.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	4.6E-09 ± 1.8E-09	µCi/mL	IT
0	Nonvolatile beta	5.9E-09 ± 3.1E-09	µCi/mL	IT
1	Total radium	3.8E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	7.3E-05 ± 8.0E-06	µCi/mL	IT

WELL BRR 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91
Depth to water: 79.18 ft (24.13 m) below TOC
Water elevation: 213.02 ft (64.93 m) msl
Sp. conductance: 189 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 11:10
pH: 6.8
Alkalinity ($CaCO_3$): 80 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	IT
0	Specific conductance	189	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	6.8	µg/L	IT
0	Benzene	BJ 2.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,180	µg/L	IT
0	Carbon disulfide	<5.0	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,230	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
1	Chromium	27	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	562	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	189	µg/L	IT
2	Manganese	55	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	3,850	µg/L	IT
0	Phenols	<5.0	µg/L	IT
1	Potassium	7,980	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	6,900	µg/L	IT
0	Silver	<1.5	µg/L	IT
1	Sodium	37,900	µg/L	IT
0	Sulfate	14,400	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	J 2.0	µg/L	IT
0	Total dissolved solids	120,000	µg/L	IT
0	Total organic carbon	3,830	µg/L	IT
0	Total organic halogens	5.8	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	133	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Xylenes	17	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	7.0E-09 ± 3.3E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	1.0E-04 ± 1.0E-05	µCi/mL	IT

WELL BRR 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91 Time: 11:35
Depth to water: Not available pH: 8.1
Water elevation: Not available Alkalinity ($CaCO_3$): 16 mg/L
Sp. conductance: 65 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	IT
0	Specific conductance	65	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	6.6	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,470	µg/L	IT
0	Carbon disulfide	<5.0	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,370	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
U	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	409	µg/L	IT
0	Lead	2.9	µg/L	IT
0	Magnesium	236	µg/L	IT
1	Manganese	42	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	800	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,600	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	7,680	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	8,820	µg/L	IT
0	Sulfate	5,520	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	56,000	µg/L	IT
0	Total dissolved solids	49,000	µg/L	IT
0	Total organic carbon	1,800	µg/L	IT
1	Total organic halogens	78	µg/L	IT
0	Total phosphates (as P)	29	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	7.1E-06 ± 8.0E-07	µCi/mL	IT

WELL CBR 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91 Time: 11:55
Depth to water: Not available pH: 5.2
Water elevation: Not available Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 28 µS/cm Water temperature: 18.4°C
Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	IT
0	Specific conductance	30	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT

WELL CBR 1D collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Barium	8.1	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	475	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,960	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	10	µg/L	IT
0	Lead	4.7	µg/L	IT
0	Magnesium	129	µg/L	IT
0	Manganese	8.6	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,010	µg/L	IT
0	Phenols	<5.0	µg/L	IT
C	Potassium	868	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,300	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,780	µg/L	IT
0	Sulfate	1,750	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	50,000	µg/L	IT
0	Total organic carbon	2,140	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	48	µg/L	IT
0	Total phosphates (as P)	53	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	3.2E-06 ± 4.0E-07	µCi/mL	IT

WELL CBR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91 Time: 12:45
Depth to water: 51.07 ft (15.57 m) below TOC pH: 4.9
Water elevation: 249.83 ft (76.15 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 35 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.2	pH	IT
0	Specific conductance	25	µS/cm	GE
0	Specific conductance	33	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	48	µg/L	GE
0	Barium	47	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,100	µg/L	GE

ANALYTICAL RESULTS

WELL CBR 2D collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	443	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,450	µg/L	GE
0	Chloride	3,290	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	3.1	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	10	µg/L	GE
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	84	µg/L	GE
0	Iron	73	µg/L	IT
0	Lead	8.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	550	µg/L	GE
0	Magnesium	483	µg/L	IT
0	Manganese	7.2	µg/L	GE
0	Manganese	4.8	µg/L	IT
2	Mercury	2.5	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,620	µg/L	GE
0	Nitrate as nitrogen	1,470	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,300	µg/L	GE
0	Potassium	1,520	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	15,000	µg/L	GE
0	Silica	14,400	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	3,800	µg/L	GE
0	Sodium	3,320	µg/L	IT
0	Sulfate	2,300	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	14,000	µg/L	GE
0	Total dissolved solids	48,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	19	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE

WELL CBR 2D collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	3.2E-09±2.8E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	2.1E-05±7.0E-07	µCi/mL	GE
1	Tritium	1.6E-05±2.0E-06	µCi/mL	IT

WELL CBR 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: 51.07 ft (15.57 m) below TOC
Water elevation: 249.83 ft (76.15 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 54 gal
Time: 12:45
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.3	pH	IT
0	Specific conductance	23	µS/cm	GE
0	Specific conductance	34	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	48	µg/L	GE
0	Barium	45	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	930	µg/L	GE
0	Calcium	440	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,530	µg/L	GE
0	Chloride	3,390	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	8.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	92	µg/L	GE
0	Iron	71	µg/L	IT
0	Lead	5.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	550	µg/L	GE
0	Magnesium	470	µg/L	IT
0	Manganese	8.1	µg/L	GE
0	Manganese	4.8	µg/L	IT
0	Mercury	0.38	µg/L	GE
0	Mercury	<0.20	µg/L	IT

WELL CBR 2D collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,580	µg/L	GE
0	Nitrate as nitrogen	1,470	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,200	µg/L	GE
0	Potassium	1,400	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	15,000	µg/L	GE
0	Silica	13,800	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	3,800	µg/L	GE
0	Sodium	3,160	µg/L	IT
0	Sulfate	3,480	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	9,000	µg/L	GE
0	Total dissolved solids	42,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,150	µg/L	IT
0	Total organic halogens	15	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	15	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	2.0E-09±1.5E-09	µCi/mL	IT
0	Nonvolatile beta	3.8E-09±2.8E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	2.1E-05±7.0E-07	µCi/mL	GE
1	Tritium	1.5E-05±2.0E-06	µCi/mL	IT

WELL CBR 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: 52.00 ft (15.85 m) below TOC
Water elevation: 249.80 ft (76.14 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 44 gal
Time: 14:10
pH: 5.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	25	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	18	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	291	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,570	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT

WELL CBR 3D collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	15	µg/L	IT
0	Lead	4.3	µg/L	IT
0	Magnesium	292	µg/L	IT
0	Manganese	8.2	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,080	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,090	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,900	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,200	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	18,000	µg/L	IT
0	Total organic carbon	1,010	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	2.0E-09±1.4E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	2.9E-06±3.0E-07	µCi/mL	IT

WELL CCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: 56.81 ft (17.32 m) below TOC
Water elevation: 221.79 ft (67.60 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 81 gal
Time: 15:05
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	IT
0	Specific conductance	21	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	18	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	343	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	1,340	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	24	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	12	µg/L	IT
0	Lead	10	µg/L	IT
0	Magnesium	341	µg/L	IT
0	Manganese	1.1	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nitrate as nitrogen	1,130	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	860	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,640	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,620	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Tetrachloroethylene	0.82	µg/L	IT
0	Total dissolved solids	46,000	µg/L	IT
0	Total organic carbon	1,240	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	30	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<0.40	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	7.3E-06±8.0E-07	µCi/mL	IT

ANALYTICAL RESULTS

WELL CCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: 52.86 ft (16.11 m) below TOC
Water elevation: 217.54 ft (66.31 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 50 gal

Time: 15:35
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	IT
0	Specific conductance	28	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	22	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	586	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	1,830	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	18	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	548	µg/L	IT
0	Manganese	2.3	µg/L	IT
0	Mercury	0.51	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,530	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	987	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,460	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,780	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Tetrachloroethylene	0.51	µg/L	IT
0	Total dissolved solids	30,000	µg/L	IT
0	Total organic carbon	1,880	µg/L	IT
0	Total organic halogens	7.8	µg/L	IT
0	Total phosphates (as P)	55	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<0.40	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	5.5E-09 ± 2.9E-09	µCi/mL	IT
0	Total radium	1.9E-09 ± 8.0E-10	µCi/mL	IT
0	Tritium	6.3E-06 ± 7.0E-07	µCi/mL	IT

WELL CCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: 44.52 ft (13.57 m) below TOC
Water elevation: 222.88 ft (67.93 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 45 gal

Time: 16:25
pH: 4.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
0	Specific conductance	17	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	13	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	388	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	1,500	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	51	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	89	µg/L	IT
0	Lead	16	µg/L	IT
0	Magnesium	318	µg/L	IT
0	Manganese	1.7	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	490	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	573	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,500	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,020	µg/L	IT
0	Sulfate	<1,000	µg/L	IT

WELL CCB 3 collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	1.2	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	38	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<0.40	µg/L	IT
0	Gross alpha	2.6E-09 ± 1.8E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
1	Tritium	1.1E-05 ± 2.0E-06	µCi/mL	IT

WELL CCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: 59.09 ft (18.01 m) below TOC
Water elevation: 223.91 ft (68.25 m) msl
Sp. conductance: 11 µS/cm
Water evacuated before sampling: 33 gal

Time: 17:25
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.1	pH	IT
0	Specific conductance	9.0	µS/cm	GE
0	Specific conductance	13	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	11	µg/L	GE
0	Barium	9.7	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	330	µg/L	GE
0	Calcium	248	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	1,330	µg/L	GE
0	Chloride	1,250	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	21	µg/L	GE
0	Copper	13	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	61	µg/L	GE
0	Iron	32	µg/L	IT
0	Lead	8.0	µg/L	GE
0	Lead	6.0	µg/L	IT
0	Magnesium	250	µg/L	GE
0	Magnesium	220	µg/L	IT
0	Manganese	6.2	µg/L	GE
0	Manganese	5.4	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	430	µg/L	GE
0	Nitrate as nitrogen	420	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	520	µg/L	GE
0	Potassium	640	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	7,500	µg/L	GE
0	Silica	7,400	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,200	µg/L	GE
0	Sodium	944	µg/L	IT
0	Sulfate	2,080	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	1.1	µg/L	IT
0	Total dissolved solids	<1,000	µg/L	GE
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,180	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	32	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT

WELL CCB 4 collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<0.40	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	8.2E-06±5.0E-07	µCi/mL	GE
0	Tritium	9.8E-06±1.0E-06	µCi/mL	IT

WELL CCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: 59.09 ft (18.01 m) below TOC
Water elevation: 223.91 ft (68.25 m) msl
Sp. conductance: 11 µS/cm
Water evacuated before sampling: 33 gal

Time: 17:25
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.3	pH	IT
0	Specific conductance	9.0	µS/cm	GE
0	Specific conductance	13	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	9.9	µg/L	GE
0	Barium	8.8	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	230	µg/L	GE
0	Calcium	231	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	1,400	µg/L	GE
0	Chloride	1,350	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	26	µg/L	GE
0	Copper	18	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	140	µg/L	GE
0	Iron	41	µg/L	IT
0	Lead	10	µg/L	GE
0	Lead	9.3	µg/L	IT
0	Magnesium	220	µg/L	GE
0	Magnesium	183	µg/L	IT
0	Manganese	8.2	µg/L	GE
0	Manganese	5.2	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	430	µg/L	GE
0	Nitrate as nitrogen	410	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	11	µg/L	IT
0	Potassium	500	µg/L	GE
0	Potassium	705	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	7,300	µg/L	GE
0	Silica	6,720	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,100	µg/L	GE
0	Sodium	915	µg/L	IT
0	Sulfate	1,880	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	1.1	µg/L	IT
0	Total dissolved solids	<1,000	µg/L	GE
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,120	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	11	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT

WELL CCB 4 collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<0.40	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
1	Total radium	3.1E-09±2.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	8.2E-06±5.0E-07	µCi/mL	GE
0	Tritium	6.1E-06±7.0E-07	µCi/mL	IT

WELL CDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91
Depth to water: 77.64 ft (23.66 m) below TOC
Water elevation: 211.26 ft (64.39 m) msl
Sp. conductance: 68 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 10:10
pH: 5.5
Alkalinity ($CaCO_3$): 13 mg/L
Water temperature: 22.7°C

WELL CDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91
Depth to water: 77.19 ft (23.53 m) below TOC
Water elevation: 211.41 ft (64.44 m) msl
Sp. conductance: 68 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 10:00
pH: 5.2
Alkalinity ($CaCO_3$): 7 mg/L
Water temperature: 21.4°C

WELL CMP 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91
Depth to water: 25.11 ft (7.65 m) below TOC
Water elevation: 203.49 ft (62.02 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 51 gal

Time: 11:15
pH: 5.5
Alkalinity ($CaCO_3$): 4 mg/L
Water temperature: 16.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	pH	5.7	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Specific conductance	11	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.6	µg/L	GE
0	Barium	7.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,680	µg/L	GE
0	Chloride	1,670	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

ANALYTICAL RESULTS

WELL CMP 8 collected on 02/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	2.0	µg/L	GE
0	1,2-Dichloroethane	1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	18	µg/L	GE
0	Iron	19	µg/L	GE
1	Lead	26	µg/L	GE
1	Lead	26	µg/L	GE
0	Magnesium	460	µg/L	GE
0	Magnesium	470	µg/L	GE
0	Manganese	7.6	µg/L	GE
0	Manganese	7.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	560	µg/L	GE
0	Nitrate as nitrogen	550	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	7,500	µg/L	GE
0	Silica	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,200	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
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	20,000	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	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	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	4.2E-08 ± 4.0E-07	µCi/mL	GE
0	Tritium	4.3E-08 ± 4.0E-07	µCi/mL	GE

WELL CMP 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91 — Time: 11:50
Depth to water: 46.86 ft (14.28 m) below TOC — pH: 6.5
Water elevation: 182.84 ft (55.73 m) msl — Alkalinity ($CaCO_3$): 37 mg/L
Sp. conductance: 107 µS/cm — Water temperature: 15.2°C
Water evacuated before sampling: 444 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	20	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	18,000	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	220	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	830	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	<50	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	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	13,900	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	175,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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 ± 3.5E-09	µCi/mL	GE
1	Total radium	4.1E-09 ± 4.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91 — Time: 12:45
Depth to water: 30.95 ft (9.43 m) below TOC — pH: 7.2
Water elevation: 198.55 ft (60.52 m) msl — Alkalinity ($CaCO_3$): 65 mg/L
Sp. conductance: 122 µS/cm — Water temperature: 15.9°C
Water evacuated before sampling: 110 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	87	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE

WELL CMP 8B collected on 02/26/91, laboratory analyses (continued)

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
1	Calcium	22,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,100	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.7	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	190	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,100	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	270	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	940	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	132,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
2	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	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 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91 — Time: 14:55
Depth to water: 120.31 ft (36.67 m) below TOC — pH: 8.7
Water elevation: 194.79 ft (59.37 m) msl — Alkalinity ($CaCO_3$): 65 mg/L
Sp. conductance: 141 µS/cm — Water temperature: 17.6°C
Water evacuated before sampling: 120 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.5	pH	GE
0	Specific conductance	69	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	25,000	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	5.7	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE

WELL CMP 9B collected on 02/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	440	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	70	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	18,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,300	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	108,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09±2.5E-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 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 — Time: 10:50
Depth to water: 91.93 ft (28.02 m) below TOC — pH: 5.1
Water elevation: 218.97 ft (66.74 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 16 µS/cm — Water temperature: 16.0°C
Water evacuated before sampling: 79 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	Specific conductance	9.0	µS/cm	GE
0	Specific conductance	9.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	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	660	µg/L	GE
0	Calcium	610	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,540	µg/L	GE
0	Chloride	2,690	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL CMP 10 collected on 02/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
2	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	20	µg/L	GE
0	Iron	31	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Manganese	7.2	µg/L	GE
0	Manganese	7.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	80	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	640	µg/L	GE
0	Potassium	630	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sodium	1,900	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	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	27,000	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	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	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	4.5E-09 ± 3.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	2.8E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	2.6E-06 ± 3.0E-07	µCi/mL	GE

WELL CMP 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 — Time: 11:25
Depth to water: 115.76 ft (35.28 m) below TOC — pH: 7.9
Water elevation: 195.04 ft (59.45 m) msl — Alkalinity ($CaCO_3$): 90 mg/L
Sp. conductance: 188 µS/cm — Water temperature: 16.6°C
Water evacuated before sampling: 151 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	Specific conductance	107	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	30	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	33,000	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
0	2-Chloroethyl vinyl ether	<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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	880	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	170	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	860	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-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 halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 — Time: 12:10
Depth to water: 99.58 ft (30.35 m) below TOC — pH: 5.7
Water elevation: 210.92 ft (64.29 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 19 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE

WELL CMP 11 collected on 02/27/91 laboratory analyses (continued)

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	520	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	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	69	µg/L	GE
1	Lead	34	µg/L	GE
0	Magnesium	260	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	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	810	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	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 petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	2.3E-06 ± 3.0E-07	µCi/mL	GE

WELL CMP 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/26/91
Depth to water 115.09 ft (35.08 m) below TOC
Water elevation 195.11 ft (59.47 m) msl
Sp. conductance 177 µS/cm
Water evacuated before sampling 148 gal
Time 16:20
pH 8.0
Alkalinity ($CaCO_3$) 95 mg/L
Water temperature 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.5	pH	GE
1	pH	9.0	pH	IT
0	Specific conductance	90	µS/cm	GE
0	Specific conductance	130	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	38	µg/L	GE
0	Barium	93	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
2	Calcium	32,000	µg/L	GE
1	Calcium	25,000	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT

WELL CMP 11B collected on 02/26/91 laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloride	2,130	µg/L	GE
0	Chloride	2,030	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	5.2	µg/L	GE
0	Chromium	8.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	33	µg/L	GE
0	Iron	61	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	620	µg/L	GE
0	Magnesium	354	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	210	µg/L	GE
0	Nitrate as nitrogen	240	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,100	µg/L	GE
0	Potassium	2,190	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	16,000	µg/L	GE
0	Silica	13,200	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,800	µg/L	GE
0	Sodium	2,670	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	1,190	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	122,000	µg/L	GE
0	Total dissolved solids	92,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,060	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	28	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL CMP 11B collected on 02/26/91. laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL CMP 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91
Depth to water: 115.09 ft (35.08 m) below TOC
Water elevation: 195.11 ft (59.47 m) msl
Sp. conductance: 177 µS/cm
Water evacuated before sampling: 148 gal
Time: 16:20
pH: 8.0
Alkalinity ($CaCO_3$): 95 mg/L
Water temperature: 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.2	pH	GE
1	pH	8.3	pH	IT
1	pH	8.3	pH	IT
0	Specific conductance	102	µS/cm	GE
0	Specific conductance	177	µS/cm	IT
0	Specific conductance	177	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	35	µg/L	GE
0	Barium	74	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
2	Calcium	33,000	µg/L	GE
1	Calcium	24,600	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,160	µg/L	GE
0	Chloride	2,170	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	4.8	µg/L	GE
0	Chromium	6.4	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	6.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	16	µg/L	GE
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	650	µg/L	GE
0	Magnesium	372	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE

WELL CMP 11B collected on 02/26/91. laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	230	µg/L	GE
0	Nitrate as nitrogen	210	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	960	µg/L	GE
0	Potassium	1,750	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	16,000	µg/L	GE
0	Silica	12,800	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,800	µg/L	GE
0	Sodium	2,250	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	124,000	µg/L	GE
0	Total dissolved solids	118,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	2,970	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	28	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	1.2E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL CMP 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91
Depth to water: 73.60 ft (22.43 m) below TOC
Water elevation: 209.30 ft (63.80 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 13 gal
Time: 9:40
pH: 5.3
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 17.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	Specific conductance	8.0	µS/cm	GE
0	Specific conductance	8.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.7	µg/L	GE
0	Barium	6.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	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	610	µg/L	GE
0	Calcium	610	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,210	µg/L	GE
0	Chloride	2,230	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE

WELL CMP 12 collected on 02/28/91 laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	2.0	µg/L	GE
1	1,2-Dichloroethane	3.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
2	Dichloromethane (Methylene chloride)	6.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	20	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	11	µg/L	GE
1	Lead	31	µg/L	GE
0	Magnesium	190	µg/L	GE
0	Magnesium	200	µg/L	GE
0	Manganese	5.4	µg/L	GE
0	Manganese	5.5	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	60	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	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sulfate	1,490	µg/L	GE
0	Sulfate	1,560	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
2	Tetrachloroethylene	42	µg/L	GE
2	Tetrachloroethylene	42	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	6,000	µg/L	GE
0	Total dissolved solids	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 organic halogens	42	µg/L	GE
0	Total organic halogens	41	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Total phosphates (as P)	150	µg/L	GE
0	Total phosphates (as P)	160	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
2	Trichloroethylene	28	µg/L	GE
2	Trichloroethylene	28	µg/L	GE
0	Trichlorofluoromethane	9.0	µg/L	GE
0	Trichlorofluoromethane	11	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09 ± 3.5E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE

WELL CMP 12 collected on 02/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tritium	2.3E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	2.6E-06 ± 3.0E-07	µCi/mL	GE

WELL CMP 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 Time: 14:30
Depth to water: 107.88 ft (32.82 m) below TOC pH: 7.0
Water elevation: 176.42 ft (53.77 m) msl Alkalinity ($CaCO_3$): 74 mg/L
Sp. conductance: 166 µS/cm Water temperature: 18.4°C
Water evacuated before sampling: 419 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	99	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	29	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
1	Calcium	28,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,500	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
1	Iron	160	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	920	µg/L	GE
2	Manganese	93	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	870	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	1,800	µg/L	GE
0	Sulfate	13,000	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
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
1	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	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 CMP 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 — Time: 15:20
Depth to water: 89.30 ft (27.22 m) below TOC — pH: 8.2
Water elevation: 194.60 ft (59.31 m) msl — Alkalinity ($CaCO_3$): 92 mg/L
Sp. conductance: 187 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 122 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.9	pH	GE
0	Specific conductance	109	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	31	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	37,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,230	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	700	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	180	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	820	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	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	108,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	60	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
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	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 — Time: 10:15
Depth to water: 82.62 ft (25.18 m) below TOC — pH: 6.2
Water elevation: 206.58 ft (62.97 m) msl — Alkalinity ($CaCO_3$): 34 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 17.5°C
Water evacuated before sampling: 6 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE

WELL CMP 13 collected on 02/28/91, laboratory analyses (continued)

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	6,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,390	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
2	1,2-Dichloroethane	5.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	24	µg/L	GE
0	Lead	16	µg/L	GE
0	Magnesium	490	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	200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	1,020	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	20	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	20	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	13	µg/L	GE
0	Trichlorofluoromethane	5.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 3.0E-07	µCi/mL	GE

WELL CMP 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 — Time: 16:25
Depth to water: 94.41 ft (28.78 m) below TOC — pH: 8.5
Water elevation: 194.69 ft (59.34 m) msl — Alkalinity ($CaCO_3$): 84 mg/L
Sp. conductance: 180 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 159 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.5	pH	GE
0	Specific conductance	100	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	38	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	35,000	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
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.2	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE

WELL CMP 13B collected on 02/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	90	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	620	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	130	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	17,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	1,120	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	92,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91
Depth to water: 89.71 ft (21.25 m) below TOC
Water elevation: 194.79 ft (59.37 m) msl
Sp. conductance: 168 µS/cm
Water evacuated before sampling: 171 gal
Time: 15:15
pH: 7.9
Alkalinity ($CaCO_3$): 68 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	Specific conductance	97	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	32,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,180	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	550	µg/L	GE
0	Iron	14	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	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE

WELL CMP 14B collected on 02/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total 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 petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.2E-09±2.5E-09	µCi/mL	GE
0	Tritium	7.6E-07±2.0E-07	µCi/mL	GE

WELL CMP 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91
Depth to water: 50.95 ft (15.53 m) below TOC
Water elevation: 213.15 ft (64.97 m) msl
Sp. conductance: 12 µS/cm
Water evacuated before sampling: 74 gal
Time: 15:50
pH: 5.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	6.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	470	µg/L	GE
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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	240	µg/L	GE
0	Manganese	2.9	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	260	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	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 petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL CMP 14C collected on 02/28/91, laboratory analyses (continued)

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	1.1E-09±2.5E-09	µCi/mL	GE
0	Tritium	3.9E-06±3.0E-07	µCi/mL	GE

WELL CMP 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91
Depth to water: 96.15 ft (29.31 m) below TOC
Water elevation: 180.35 ft (54.97 m) msl
Sp. conductance: 87 µS/cm
Water evacuated before sampling: 436 gal
Time: 12:25
pH: 6.4
Alkalinity ($CaCO_3$): 35 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,540	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	290	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,000	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	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,900	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	17,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,200	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 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 petroleum hydrocarbons	<1,000	µg/L	GE
1	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.2E-09±2.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91
Depth to water: 72.76 ft (22.18 m) below TOC
Water elevation: 203.84 ft (62.07 m) msl
Sp. conductance: 163 µS/cm
Water evacuated before sampling: 22 gal
The well went dry during purging.
Time: 11:10
pH: 11.3
Alkalinity ($CaCO_3$): 65 mg/L
Water temperature: 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.1	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	81	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	10,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,290	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	320	µg/L	GE
0	Iron	51	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	200	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	Nitrate as nitrogen	250	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	4,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,400	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	25,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09±2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CMP 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91
Depth to water: 41.69 ft (12.71 m) below TOC
Water elevation: 235.31 ft (71.72 m) msl
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.
Time: 11:50
pH: 6.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	9.0	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	Lindane	<0.0050	µg/L	GE

WELL CMP 15C collected on 02/28/91, laboratory analyses (continued)

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	300	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,290	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	29	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	120	µg/L	GE
0	Manganese	7.3	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	310	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	5,500	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sulfate	1,170	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	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	< 5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	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	5.0E-06 ± 4.0E-07	µCi/mL	GE

WELL CMP 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 — Time: 13:50
Depth to water: 122.86 ft (37.45 m) below TOC — pH: 8.3
Water elevation: 194.84 ft (59.39 m) msl — Alkalinity ($CaCO_3$): 89 mg/L
Sp. conductance: 178 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 139 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.9	pH	GE
0	Specific conductance	107	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	38	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
2	Calcium	38,000	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	2,230	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	< 1.0	µg/L	GE
0	Chloroform	< 1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	< 1.0	µg/L	GE
0	Chromium	5.6	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	trans-1,2-Dichloroethene	< 1.0	µg/L	GE

WELL CMP 16B collected on 02/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	710	µg/L	GE
0	Manganese	< 2.0	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	150	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	900	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	1,900	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	110,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL CMP 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 — Time: 16:55
The well was dry.

WELL CRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/30/91 — Time: 10:35
Depth to water: 67.99 ft (20.72 m) below TOC — pH: 5.9
Water elevation: 206.61 ft (62.98 m) msl — Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 41 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	pH	6.1	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	6.2	µg/L	GE
0	Barium	6.3	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 50	µg/L	GE
0	Lindane	< 0.010	µg/L	GE
0	Lindane	< 0.010	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromodichloromethane	< 50	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromoform	< 50	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 50	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	5,100	µg/L	GE
0	Calcium	5,200	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 50	µg/L	GE
0	Chloride	2,060	µg/L	GE
0	Chloride	2,040	µg/L	GE
0	Chlorobenzene	< 1.0	µg/L	GE
0	Chlorobenzene	< 50	µg/L	GE
0	Chloroethane	< 1.0	µg/L	GE
0	Chloroethane	< 50	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	< 50	µg/L	GE

ANALYTICAL RESULTS

WELL CRP 1 collected on 01/30/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<50	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<50	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<50	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<50	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<50	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<50	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<50	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<50	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	<50	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<50	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<50	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<50	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	5.6	µg/L	GE
0	Iron	4.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	340	µg/L	GE
0	Magnesium	340	µg/L	GE
0	Manganese	11	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	Nitrate as nitrogen	470	µg/L	GE
0	Nitrate as nitrogen	470	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	10,000	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<50	µg/L	GE
2	Tetrachloroethylene	9.0	µg/L	GE
0	Tetrachloroethylene	<50	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<50	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	295	µg/L	GE
2	Total organic halogens	314	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<50	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<50	µg/L	GE
2	Trichloroethylene	910	µg/L	GE
2	Trichloroethylene	900	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<50	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09±3.5E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.2E-05±6.0E-07	µCi/mL	GE
2	Tritium	3.3E-05±8.0E-07	µCi/mL	GE

WELL CRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 — Time 9.35
Depth to water: 72.98 ft (22.24 m) below TOC — pH 5.2
Water elevation: 205.72 ft (62.70 m) msl — Alkalinity ($CaCO_3$) 1 mg/L
Sp. conductance: 18 µS/cm — Water temperature 18.5°C
Water evacuated before sampling 89 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	10	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	1,490	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	27	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	220	µg/L	GE
0	Manganese	8.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	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	6,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	34	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	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	7.0	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±2.7E-09	µCi/mL	GE
0	Total activity	2.0E-04±3.2E-06	µCi/mL	EM
0	Total radium	1.3E-09±2.7E-09	µCi/mL	GE
2	Tritium	2.2E-04±2.2E-06	µCi/mL	GE

WELL CRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/31/91 — Time 9.00
Depth to water 60.50 ft (18.44 m) below TOC — pH 12.1
Water elevation 205.30 ft (62.58 m) msl — Alkalinity ($CaCO_3$) 258 mg/L
Sp. conductance 1108 µS/cm — Water temperature 18.5°C
Water evacuated before sampling 11 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	800	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE

WELL CRP 3 collected on 01/31/91, laboratory analyses (continued)

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
2	Calcium	88,000	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
2	Chloroethene (Vinyl chloride)	17	µg/L	GE
0	2-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	150	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,2-Dichloroethane	3.0	µg/L	GE
0	trans-1,2-Dichloroethene	3.0	µg/L	GE
2	1,1-Dichloroethylene	12	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	17	µg/L	GE
0	Magnesium	81	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	2,290	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	910	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,100	µg/L	GE
0	Sulfate	10,500	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
1	Total dissolved solids	245,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	9,750	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	20,600	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.6E-09±7.2E-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 CRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91
Depth to water: 62.03 ft (18.91 m) below TOC
Water elevation: 205.67 ft (62.69 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 66 gal
Time: 10:05
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	760	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,030	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE

WELL CRP 4 collected on 01/31/91, laboratory analyses (continued)

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	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	380	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	590	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	5.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	13,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
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±2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.8E-05±6.0E-07	µCi/mL	GE

WELL CSA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91
Depth to water: 51.11 ft (15.58 m) below TOC
Water elevation: 239.69 ft (73.06 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 20 gal
Time: 13.00
pH: 5.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 23.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Chloride	3,180	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	11	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	950	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	3,110	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09±1.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	7.0E-06±4.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL CSA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91 Time: 12:30
Depth to water: 50.17 ft (15.29 m) below TOC pH: 5.1
Water elevation: 239.93 ft (73.13 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 43 µS/cm Water temperature: 20.1°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	22	µg/L	GE
0	Lindane	0.41	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Chloride	2,920	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	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	890	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	2,710	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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	8.2E-08 ± 3.0E-07	µCi/mL	GE

WELL CSA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91 Time: 14:10
Depth to water: 49.92 ft (15.22 m) below TOC pH: 4.7
Water elevation: 239.48 ft (73.99 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 44 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	26	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,900	µg/L	GE
0	Chloride	2,570	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	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	850	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	2,820	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,800	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	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL CSA 3 collected on 01/29/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tritium	6.5E-08 ± 3.0E-07	µCi/mL	GE

WELL CSA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91 Time: 13:40
Depth to water: 51.19 ft (15.60 m) below TOC pH: 5.0
Water elevation: 239.21 ft (72.91 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 49 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,100	µg/L	GE
0	Chloride	2,920	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	66	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,000	µg/L	GE
0	Manganese	3.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	2,890	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	37	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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	6.7E-08 ± 3.0E-07	µCi/mL	GE

WELL CSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91 Time: 13:50
Depth to water: 83.34 ft (25.40 m) below TOC pH: 11.5
Water elevation: 206.46 ft (63.54 m) msl Alkalinity ($CaCO_3$): 111 mg/L
Sp. conductance: 413 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	IT
1	Specific conductance	347	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	37,900	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,780	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
2	Chromium	76	µg/L	IT
0	Copper	5.4	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
2	1,2-Dichloroethane	34	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	B 17	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT

WELL CSB 1A collected on 02/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	11	µg/L	IT
1	Lead	43	µg/L	IT
0	Magnesium	65	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,490	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,090	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,300	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,750	µg/L	IT
0	Sulfate	21,500	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	J 2.0	µg/L	IT
0	Total dissolved solids	153,000	µg/L	IT
0	Total organic carbon	1,990	µg/L	IT
0	Total organic halogens	16	µg/L	IT
0	Total phosphates (as P)	20	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	5.3E-04±6.0E-05	µCi/mL	IT

WELL CSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91
Depth to water: 76.88 ft (23.43 m) below TOC
Water elevation: 207.72 ft (63.31 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 13:25
pH: 5.5
Alkalinity ($CaCO_3$): 69 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	IT
0	Specific conductance	31	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	16	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,690	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,430	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	3.0	µg/L	IT
2	Copper	2,340	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	B 6.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	408	µg/L	IT
2	Lead	81	µg/L	IT
0	Magnesium	853	µg/L	IT
0	Manganese	9.6	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	780	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,440	µg/L	IT
0	Silver	<2.5	µg/L	IT

WELL CSB 2A collected on 02/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	859	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	38,000	µg/L	IT
0	Total organic carbon	1,730	µg/L	IT
0	Total organic halogens	17	µg/L	IT
0	Total phosphates (as P)	23	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	35	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.2E-09±4.0E-10	µCi/mL	IT
1	Tritium	1.3E-05±2.0E-06	µCi/mL	IT

WELL CSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91
Depth to water: 77.61 ft (23.66 m) below TOC
Water elevation: 207.29 ft (63.18 m) msl
Sp. conductance: 69 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 11:30
pH: 7.0
Alkalinity ($CaCO_3$): 30 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	IT
0	Specific conductance	71	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	9.2	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	8,400	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,280	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	27	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	72	µg/L	IT
0	Lead	3.3	µg/L	IT
0	Magnesium	817	µg/L	IT
0	Manganese	1.4	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,720	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,140	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,070	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	49,000	µg/L	IT
0	Total organic carbon	1,040	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	23	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	2.2E-03±4.7E-05	µCi/mL	EM

ANALYTICAL RESULTS

WELL CSB 3A collected on 02/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	2.2E-02±3.0E-03	µCi/mL	IT

WELL CSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91
Depth to water: 77.78 ft (23.71 m) below TOC
Water elevation: 207.32 ft (63.19 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 51 gal
Time: 11:15
pH: 5.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	IT
0	Specific conductance	37	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	9.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,810	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,520	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	6.2	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	15	µg/L	IT
0	Lead	14	µg/L	IT
0	Magnesium	532	µg/L	IT
1	Manganese	47	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,530	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,890	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,880	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	46,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	12	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	12	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	2.3E-01±9.9E-04	µCi/mL	EM
0	Total radium	1.1E-09±2.0E-10	µCi/mL	IT
2	Tritium	2.2E-02±3.0E-03	µCi/mL	IT

WELL CSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91
Depth to water: 75.47 ft (23.00 m) below TOC
Water elevation: 207.33 ft (63.19 m) msl
Sp. conductance: 86 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.
Time: 14:55
pH: 10.5
Alkalinity ($CaCO_3$): 33 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	IT
0	Specific conductance	83	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	12	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	9,880	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,900	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	5.1	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	6.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	5.4	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	153	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,130	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,930	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,190	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,480	µg/L	IT
0	Sulfate	2,690	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	63,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total activity	3.6E-03±5.8E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	3.6E-03±4.0E-04	µCi/mL	IT

WELL CSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91
Depth to water: 78.50 ft (23.93 m) below TOC
Water elevation: 208.30 ft (63.49 m) msl
Sp. conductance: 104 µS/cm
Water evacuated before sampling: 49 gal
Time: 14:45
pH: 8.2
Alkalinity ($CaCO_3$): 32 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.2	pH	IT
0	Specific conductance	80	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	13	µg/L	IT
0	Benzene	<5.0	µg/L	IT

WELL CSB 6A collected on 02/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	12,300	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,540	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	6.4	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	4.6	µg/L	IT
0	Magnesium	808	µg/L	IT
0	Manganese	7.7	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	3,130	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	669	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,200	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	11,800	µg/L	IT
0	Sulfate	1,610	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	10	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	66,000	µg/L	IT
0	Total organic carbon	1,490	µg/L	IT
0	Total organic carbon	1,520	µg/L	IT
0	Total organic halogens	23	µg/L	IT
0	Total phosphates (as P)	27	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	9.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	6.9E-09±3.4E-09	µCi/mL	IT
0	Total activity	2.5E-04±2.3E-05	µCi/mL	EM
0	Total radium	1.2E-09±2.0E-10	µCi/mL	IT
2	Tritium	2.5E-04±3.0E-05	µCi/mL	IT

WELL CSD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 16:20
Depth to water: 73.76 ft (22.48 m) below TOC pH: 5.7
Water elevation: 241.64 ft (73.65 m) msl Alkalinity ($CaCO_3$): 9 mg/L
Sp. conductance: 34 µS/cm Water temperature: 18.5°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

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	41	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Chloride	2,400	µg/L	GE
0	Chromium	5.1	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	4,200	µg/L	GE
2	Iron	512	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	740	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	110	µg/L	GE

WELL CSD 1D collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrite as nitrogen	60	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Silica	70,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,400	µg/L	GE
0	Sulfate	6,130	µg/L	GE
0	Sulfide	<1,000	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	<5.0	µg/L	GE
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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09±3.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CSD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 11:50
The well was dry.

WELL CSD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91 Time: 9:35
Depth to water: 67.90 ft (20.70 m) below TOC pH: 11.3
Water elevation: 240.60 ft (73.34 m) msl Alkalinity ($CaCO_3$): 99 mg/L
Sp. conductance: 382 µS/cm Water temperature: 17.8°C
Water evacuated before sampling: 35 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
2	pH	11	pH	GE
1	Specific conductance	280	µS/cm	GE
1	Specific conductance	282	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	35	µg/L	GE
0	Barium	34	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	31,000	µg/L	GE
2	Calcium	30,000	µg/L	GE
0	Chloride	1,740	µg/L	GE
0	Chloride	1,750	µg/L	GE
0	Chromium	7.8	µg/L	GE
0	Chromium	8.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Endrin	<0.0060	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	4.0	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	30	µg/L	GE
0	Magnesium	35	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	Nitrate as nitrogen	440	µg/L	GE
0	Nitrate as nitrogen	440	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	6,200	µg/L	GE
1	Potassium	6,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	23,000	µg/L	GE
1	Silica	24,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE

ANALYTICAL RESULTS

WELL CSD 4D collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	12,000	µg/L	GE
0	Sulfate	6,700	µg/L	GE
0	Sulfate	6,670	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1 000	µg/L	GE
0	Total dissolved solids	114,000	µg/L	GE
0	Total dissolved solids	112,000	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 petroleum hydrocarbons	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.6E-09±3.7E-09	µCi/mL	GE
0	Nonvolatile beta	4.2E-09±3.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL CSD 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 12:45
Depth to water: 63.78 ft (19.44 m) below TOC pH: 5.4
Water elevation: 240.12 ft (73.19 m) msl Alkalinity ($CaCO_3$): 6 mg/L
Sp. conductance: 29 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	27	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	930	µg/L	GE
0	Chloride	2,370	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	31	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	470	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	Nitrate as nitrogen	1,050	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,500	µg/L	GE
0	Sulfate	1,980	µg/L	GE
0	Sulfide	<1,000	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 petroleum hydrocarbons	<1,000	µg/L	GE
2	Total phosphates (as P)	2,280	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	1.1E-09±2.5E-09	µCi/mL	GE
0	Tritium	3.1E-08±3.0E-07	µCi/mL	GE

WELL CSD 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 13:30
Depth to water: 58.24 ft (17.75 m) below TOC pH: 5.5
Water elevation: 239.96 ft (73.14 m) msl Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 30 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	220	µg/L	GE
0	Chloride	2,490	µg/L	GE
0	Chromium	4.2	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	44	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	290	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	490	µg/L	GE
0	Nitrite as nitrogen	<10	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	17,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Total dissolved solids	62,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	23	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
2	Total phosphates (as P)	2,150	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	3.1E-09±2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.3E-08±3.0E-07	µCi/mL	GE

WELL CSD 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 14:10
Depth to water: 56.85 ft (17.33 m) below TOC pH: 5.4
Water elevation: 239.75 ft (73.08 m) msl Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 22 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	480	µg/L	GE
0	Chloride	2,490	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Dissolved organic carbon	<1,000	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	Magnesium	150	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	490	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	20,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Total dissolved solids	47,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE

WELL CSD 10D collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	11	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
2	Total phosphates (as P)	750	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 CSD 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: 53.52 ft (16.31 m) below TOC
Water elevation: 239.48 ft (72.99 m) msl
Sp. conductance: 150 µS/cm
Water evacuated before sampling: 48 gal
The well went dry during purging.

Time: 10:35
pH: 6.8
Alkalinity ($CaCO_3$): 78 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	135	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	29,000	µg/L	GE
0	Chloride	4,180	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	70	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,100	µg/L	GE
0	Manganese	4.3	µg/L	GE
0	Mercury	0.49	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	790	µg/L	GE
0	Nitrite as nitrogen	<20	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	19,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,900	µg/L	GE
0	Sulfate	2,340	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Total dissolved solids	85,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
2	Total phosphates (as P)	550	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	2.7E-09±3.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	6.9E-08±4.0E-07	µCi/mL	GE

WELL CSD 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91
Depth to water: 61.30 ft (18.68 m) below TOC
Water elevation: 240.30 ft (73.24 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 41 gal

Time: 15:20
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.2	pH	IT
0	Specific conductance	22	µS/cm	GE
0	Specific conductance	33	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	28	µg/L	GE
0	Barium	28	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,100	µg/L	GE
0	Calcium	1,090	µg/L	IT
0	Chloride	5,860	µg/L	GE
0	Chloride	6,100	µg/L	IT
0	Chromium	<4.0	µg/L	GE

WELL CSD 12D collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	IT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	39	µg/L	GE
0	Iron	55	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	870	µg/L	GE
0	Magnesium	799	µg/L	IT
1	Manganese	32	µg/L	GE
1	Manganese	33	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	450	µg/L	GE
0	Nitrate as nitrogen	470	µg/L	IT
0	Nitrate as nitrogen	460	µg/L	IT
0	Nitrite as nitrogen	<10	µg/L	GE
2	Nitrite as nitrogen	2,840	µg/L	IT
2	Nitrite as nitrogen	2,840	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	680	µg/L	GE
0	Potassium	676	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,000	µg/L	GE
0	Silica	7,160	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,300	µg/L	GE
0	Sodium	2,070	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	IT
0	Total dissolved solids	39,000	µg/L	GE
0	Total dissolved solids	27,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	17	µg/L	IT
0	Total organic halogens	17	µg/L	IT
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	IT
0	Total phosphates (as P)	200	µg/L	GE
1	Total phosphates (as P)	240	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	1.2E-09±2.6E-09	µCi/mL	GE
0	Total radium	1.1E-09±4.0E-10	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	3.8E-08±3.0E-07	µCi/mL	GE
0	Tritium	2.8E-06±3.0E-07	µCi/mL	IT
0	Tritium	2.8E-06±3.0E-07	µCi/mL	IT

WELL CSD 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91
Depth to water: 61.30 ft (18.68 m) below TOC
Water elevation: 240.30 ft (73.24 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 41 gal

Time: 15:20
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	pH	5.1	pH	IT
0	Specific conductance	25	µS/cm	GE
0	Specific conductance	25	µS/cm	GE
0	Specific conductance	34	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	30	µg/L	GE
0	Barium	29	µg/L	GE
0	Barium	27	µg/L	IT
0	Lindane	<0.0050	µg/L	GE

ANALYTICAL RESULTS

WELL CSD 12D collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,100	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Calcium	1,080	µg/L	IT
0	Chloride	5,730	µg/L	GE
0	Chloride	5,700	µg/L	GE
0	Chloride	6,130	µg/L	IT
0	Chloride	6,000	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	33	µg/L	GE
0	Iron	33	µg/L	GE
0	Iron	37	µg/L	IT
0	Lead	3.0	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	930	µg/L	GE
0	Magnesium	930	µg/L	GE
0	Magnesium	782	µg/L	IT
1	Manganese	34	µg/L	GE
1	Manganese	37	µg/L	GE
1	Manganese	32	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	450	µg/L	GE
0	Nitrate as nitrogen	450	µg/L	GE
0	Nitrate as nitrogen	470	µg/L	IT
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
2	Nitrite as nitrogen	3,400	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	780	µg/L	GE
0	Potassium	770	µg/L	GE
0	Potassium	544	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,400	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silica	7,070	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,300	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sodium	2,040	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	IT
0	Total dissolved solids	36,000	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total dissolved solids	28,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,080	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	17	µg/L	IT
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	IT
0	Total phosphates (as P)	220	µg/L	GE
0	Total phosphates (as P)	200	µg/L	GE
1	Total phosphates (as P)	239	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

WELL CSD 12D collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 5.0E-10	µCi/mL	IT
0	Tritium	3.5E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	3.7E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	3.1E-06 ± 4.0E-07	µCi/mL	IT

WELL CSD 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 17:15
Depth to water: 50.33 ft (15.34 m) below TOC pH: 5.4
Water elevation: 239.17 ft (72.90 m) msl Alkalinity ($CaCO_3$): 7 mg/L
Sp. conductance: 44 µS/cm Water temperature: 18.1°C
Water evacuated before sampling: 221 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	510	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,510	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dissolved organic carbon	<1,000	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	220	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	280	µg/L	GE
1	Manganese	28	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	470	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	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,200	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	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 petroleum hydrocarbons	<1,000	µg/L	GE
2	Total phosphates (as P)	2,720	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	5.0	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	5.9E-06 ± 4.0E-07	µCi/mL	GE

WELL CSO 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91
Depth to water: 54.48 ft (16.61 m) below TOC
Water elevation: 249.42 ft (76.02 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 48 gal

Time: 11:20
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	pH	4.9	pH	IT
0	Specific conductance	20	µS/cm	GE
0	Specific conductance	31	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	53	µg/L	GE
0	Barium	52	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	720	µg/L	GE
0	Calcium	748	µg/L	IT
0	Chloride	3,810	µg/L	GE
0	Chloride	3,900	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	60	µg/L	GE
0	Iron	57	µg/L	IT
0	Lead	4.0	µg/L	GE
0	Lead	5.3	µg/L	IT
0	Magnesium	790	µg/L	GE
0	Magnesium	750	µg/L	IT
0	Manganese	19	µg/L	GE
0	Manganese	23	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,410	µg/L	GE
0	Nitrate as nitrogen	1,350	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,200	µg/L	GE
0	Potassium	1,040	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	19,000	µg/L	GE
0	Silica	18,200	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,700	µg/L	GE
0	Sodium	2,500	µg/L	IT
0	Sulfate	2,360	µg/L	GE
0	Sulfate	1,000	µg/L	IT
0	Total dissolved solids	38,000	µg/L	GE
0	Total dissolved solids	44,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	10	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	27	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	1.8E-09 ± 1.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
1	Tritium	1.1E-05 ± 4.0E-07	µCi/mL	GE
0	Tritium	9.9E-06 ± 1.0E-06	µCi/mL	IT

WELL CSO 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91
Depth to water: 54.48 ft (16.61 m) below TOC
Water elevation: 249.42 ft (76.02 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 48 gal

Time: 11:20
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	5.0	pH	IT
0	pH	5.0	pH	IT
0	Specific conductance	21	µS/cm	GE
0	Specific conductance	30	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	47	µg/L	GE
0	Barium	49	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	710	µg/L	GE
0	Calcium	703	µg/L	IT
0	Chloride	3,860	µg/L	GE
0	Chloride	3,870	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	130	µg/L	GE
0	Iron	51	µg/L	IT
0	Lead	4.0	µg/L	GE
0	Lead	4.7	µg/L	IT
0	Magnesium	700	µg/L	GE
0	Magnesium	717	µg/L	IT
0	Manganese	19	µg/L	GE
0	Manganese	20	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	0.37	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,450	µg/L	GE
0	Nitrate as nitrogen	1,310	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,100	µg/L	GE
0	Potassium	998	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	18,000	µg/L	GE
0	Silica	17,300	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,600	µg/L	GE
0	Sodium	2,370	µg/L	IT
0	Sulfate	2,250	µg/L	GE
0	Sulfate	1,070	µg/L	IT
0	Total dissolved solids	35,000	µg/L	GE
0	Total dissolved solids	46,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
2	Total organic halogens	2,850	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	27	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.9E-09 ± 1.9E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
1	Tritium	1.2E-05 ± 4.0E-07	µCi/mL	GE
0	Tritium	9.1E-06 ± 1.0E-06	µCi/mL	IT

ANALYTICAL RESULTS

WELL CSO 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91
Depth to water: 52.28 ft (15.94 m) below TOC
Water elevation: 249.62 ft (76.09 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 105 gal

Time: 11:00
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	IT
0	Specific conductance	21	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	30	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	521	µg/L	IT
0	Chloride	2,240	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	9.3	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	503	µg/L	IT
0	Manganese	4.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	930	µg/L	IT
0	Nitrate as nitrogen	930	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	680	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	14,700	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	34,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	23	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	7.8E-06±8.0E-07	µCi/mL	IT

WELL CSR 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91
Depth to water: 17.76 ft (5.41 m) below TOC
Water elevation: 258.34 ft (78.13 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 50 gal

Time: 11:05
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 15.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	pH	5.0	pH	IT
0	Specific conductance	29	µS/cm	GE
0	Specific conductance	51	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	18	µg/L	GE
0	Barium	17	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,700	µg/L	GE
0	Calcium	1,650	µg/L	IT
0	Chloride	6,080	µg/L	GE
0	Chloride	6,130	µg/L	IT
0	Chromium	4.1	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
1	Iron	190	µg/L	GE
2	Iron	352	µg/L	IT
1	Lead	26	µg/L	GE
1	Lead	49	µg/L	IT
0	Magnesium	1,500	µg/L	GE
0	Magnesium	1,320	µg/L	IT
0	Manganese	18	µg/L	GE
0	Manganese	19	µg/L	IT
0	Mercury	<0.20	µg/L	GE

WELL CSR 1 collected on 02/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	170	µg/L	GE
0	Nitrate as nitrogen	220	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	11	µg/L	IT
0	Potassium	950	µg/L	GE
0	Potassium	1,130	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	5,300	µg/L	GE
0	Silica	5,250	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	3,700	µg/L	GE
0	Sodium	3,240	µg/L	IT
0	Sulfate	18,500	µg/L	GE
0	Sulfate	8,380	µg/L	IT
0	Total dissolved solids	20,000	µg/L	GE
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	2,350	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	34	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total radium	1.4E-09±2.5E-09	µCi/mL	GE
0	Total radium	1.1E-09±3.0E-10	µCi/mL	IT
0	Tritium	7.4E-06±4.0E-07	µCi/mL	GE
0	Tritium	5.6E-06±6.0E-07	µCi/mL	IT

WELL CSR 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91
Depth to water: 17.76 ft (5.41 m) below TOC
Water elevation: 258.34 ft (78.13 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 50 gal

Time: 11:05
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 15.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.0	pH	IT
0	Specific conductance	31	µS/cm	GE
0	Specific conductance	50	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	18	µg/L	GE
0	Barium	18	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,700	µg/L	GE
0	Calcium	1,670	µg/L	IT
0	Chloride	6,210	µg/L	GE
0	Chloride	5,890	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
1	Iron	170	µg/L	GE
1	Iron	175	µg/L	IT
0	Lead	16	µg/L	GE
1	Lead	33	µg/L	IT
0	Magnesium	1,500	µg/L	GE
0	Magnesium	1,340	µg/L	IT
0	Manganese	18	µg/L	GE
0	Manganese	17	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	170	µg/L	GE
0	Nitrate as nitrogen	170	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	920	µg/L	GE
0	Potassium	1,080	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT

WELL CSR 1 collected on 02/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silica	5,800	µg/L	GE
0	Silica	5,270	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	3,900	µg/L	GE
0	Sodium	3,290	µg/L	IT
0	Sulfate	23,900	µg/L	GE
0	Sulfate	8,220	µg/L	IT
0	Total dissolved solids	13,000	µg/L	GE
0	Total dissolved solids	28,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	2,880	µg/L	IT
1	Total organic halogens	83	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	7.8E-06±4.0E-07	µCi/mL	GE
0	Tritium	5.7E-06±8.0E-07	µCi/mL	IT

WELL CSR 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91
Depth to water: 18.97 ft (5.78 m) below TOC
Water elevation: 278.73 ft (84.96 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 39 gal
The well went dry during purging.

Time: 15:10
pH: 5.3
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 8.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	340	µg/L	GE
0	Chloride	2,830	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	350	µg/L	GE
0	Lead	11	µg/L	GE
0	Magnesium	470	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	<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	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	1,470	µg/L	GE
0	Total dissolved solids	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	17	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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	7.5E-06±4.0E-07	µCi/mL	GE

WELL CSR 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91
Depth to water: 28.21 ft (8.60 m) below TOC
Water elevation: 256.99 ft (78.33 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 29 gal
The well went dry during purging.

Time: 15:25
pH: 5.3
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 10.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	320	µg/L	GE
0	Chloride	4,150	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	170	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	400	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	<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	4,900	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	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	44	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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	8.2E-06±5.0E-07	µCi/mL	GE

WELL CSR 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91
Depth to water: 27.86 ft (8.49 m) below TOC
Water elevation: 256.84 ft (78.29 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 50 gal

Time: 13:05
pH: 5.0
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 15.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	13	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	420	µg/L	GE
0	Chloride	4,140	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	63	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	510	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	4,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	1,130	µg/L	GE
0	Total dissolved solids	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL CSR 4 collected on 02/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tritium	8.8E-06±5.0E-07	µCi/mL	GE

WELL DBP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/21/91
Depth to water: 12.45 ft (3.79 m) below TOC
Water elevation: 122.75 ft (37.41 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 78 gal
Time: 14:40
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.4°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	18	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Chloride	4,580	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	80	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,800	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	4,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	950	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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	3.2E-06±3.0E-07	µCi/mL	GE

WELL DBP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/21/91
Depth to water: 7.08 ft (2.16 m) below TOC
Water elevation: 119.22 ft (36.34 m) msl
Sp. conductance: 162 µS/cm
Water evacuated before sampling: 92 gal
Time: 17:10
pH: 4.3
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	pH	4.5	pH	IT
0	Specific conductance	122	µS/cm	GE
0	Specific conductance	189	µS/cm	IT
0	Specific conductance	191	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	52	µg/L	GE
0	Barium	57	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	6,800	µg/L	GE
0	Calcium	7,070	µg/L	IT
0	Chloride	8,780	µg/L	GE
0	Chloride	9,120	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	140	µg/L	GE
0	Fluoride	<250	µg/L	IT
1	Iron	160	µg/L	GE
2	Iron	654	µg/L	IT
0	Lead	5.0	µg/L	GE
0	Lead	3.3	µg/L	IT

WELL DBP 2 collected on 02/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
1	Magnesium	6,900	µg/L	GE
1	Magnesium	6,890	µg/L	IT
2	Manganese	350	µg/L	GE
2	Manganese	384	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	910	µg/L	GE
0	Nitrate as nitrogen	850	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,400	µg/L	GE
0	Potassium	1,480	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	12,000	µg/L	GE
0	Silica	10,600	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	8,800	µg/L	GE
0	Sodium	9,030	µg/L	IT
0	Sulfate	98,800	µg/L	GE
0	Sulfate	80,400	µg/L	IT
2	Total dissolved solids	1.1E+06	µg/L	GE
0	Total dissolved solids	137,000	µg/L	IT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	1,610	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	17	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	0.040	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	5.1E-09±2.6E-09	µCi/mL	IT
0	Nonvolatile beta	2.9E-09±3.4E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08±4.0E-09	µCi/mL	IT
1	Total radium	3.8E-09±3.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	2.9E-06±3.0E-07	µCi/mL	GE
0	Tritium	1.7E-06±2.0E-07	µCi/mL	IT

WELL DBP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/21/91
Depth to water: 7.08 ft (2.16 m) below TOC
Water elevation: 119.22 ft (36.34 m) msl
Sp. conductance: 162 µS/cm
Water evacuated before sampling: 92 gal
Time: 17:10
pH: 4.3
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
0	pH	4.4	pH	IT
0	pH	4.4	pH	IT
0	Specific conductance	129	µS/cm	GE
0	Specific conductance	189	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	26	µg/L	GE
0	Barium	55	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	7,500	µg/L	GE
0	Calcium	6,870	µg/L	IT
0	Chloride	8,630	µg/L	GE
0	Chloride	9,300	µg/L	IT
0	Chloride	9,040	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	130	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
1	Iron	180	µg/L	GE
0	Iron	124	µg/L	IT
0	Lead	5.0	µg/L	GE
0	Lead	3.2	µg/L	IT
2	Magnesium	9,100	µg/L	GE
1	Magnesium	6,990	µg/L	IT
2	Manganese	420	µg/L	GE
2	Manganese	384	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT

WELL DBP 2 collected on 02/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	930	µg/L	GE
0	Nitrate as nitrogen	850	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,700	µg/L	GE
0	Potassium	1,540	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	12,000	µg/L	GE
0	Silica	4,960	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	13,000	µg/L	GE
0	Sodium	8,910	µg/L	IT
0	Sulfate	85,100	µg/L	GE
0	Sulfate	62,100	µg/L	IT
0	Total dissolved solids	107,000	µg/L	GE
0	Total dissolved solids	124,000	µg/L	IT
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	2,010	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	18	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	5.1E-09±2.3E-09	µCi/mL	IT
0	Nonvolatile beta	3.9E-09±1.0E-08	µCi/mL	GE
0	Nonvolatile beta	1.6E-08±4.0E-09	µCi/mL	IT
0	Total radium	1.7E-09±3.0E-09	µCi/mL	GE
0	Total radium	2.4E-09±3.0E-10	µCi/mL	IT
0	Tritium	2.0E-06±3.0E-07	µCi/mL	GE
0	Tritium	1.8E-06±2.0E-07	µCi/mL	IT

WELL DBP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/21/91
Depth to water: 5.53 ft (1.69 m) below TOC
Water elevation: 122.77 ft (37.42 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 95 gal

Time: 15:40
pH: 5.5
Alkalinity ($CaCO_3$): 4 mg/L
Water temperature: 15.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	530	µg/L	GE
0	Chloride	6,050	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	120	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	210	µg/L	GE
2	Manganese	130	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	410	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,500	µg/L	GE
0	Sulfate	8,580	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.1E-06±3.0E-07	µCi/mL	GE

WELL DBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/21/91
Depth to water: 5.21 ft (1.59 m) below TOC
Water elevation: 120.99 ft (36.88 m) msl
Sp. conductance: 108 µS/cm
Water evacuated before sampling: 97 gal

Time: 16:20
pH: 4.4
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
0	Specific conductance	69	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	44	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,200	µg/L	GE
0	Chloride	6,770	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	160	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	1,400	µg/L	GE
2	Manganese	580	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	1,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sulfate	72,100	µg/L	GE
0	Total dissolved solids	64,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09±3.4E-09	µCi/mL	GE
0	Total radium	1.4E-09±2.6E-09	µCi/mL	GE
0	Tritium	2.9E-06±3.0E-07	µCi/mL	GE

WELL DCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91
Depth to water: 10.59 ft (3.23 m) below TOC
Water elevation: 116.51 ft (35.51 m) msl
Sp. conductance: 5040 µS/cm
Water evacuated before sampling: 69 gal

Time: 10:15
pH: 2.3
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	2.5	pH	GE
2	pH	2.3	pH	IT
2	Specific conductance	3,520	µS/cm	GE
0	Specific conductance	5.0	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	21	µg/L	IT
0	Barium	8.3	µg/L	GE
0	Barium	6.9	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
2	Cadmium	16	µg/L	IT
2	Calcium	220,000	µg/L	GE
2	Calcium	249,000	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	<250	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	IT
2	Chromium	220	µg/L	GE
0	Chromium	<250	µg/L	IT
0	Copper	340	µg/L	GE
0	Copper	452	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
1	Fluoride	2,700	µg/L	GE
2	Iron	700,000	µg/L	GE
2	Iron	823,000	µg/L	IT
0	Lead	10	µg/L	GE
0	Lead	8.2	µg/L	IT
2	Magnesium	160,000	µg/L	GE
2	Magnesium	243,000	µg/L	IT
2	Manganese	14,000	µg/L	GE

ANALYTICAL RESULTS

WELL DCB 1A collected on 02/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Manganese	24,800	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	910	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	670	µg/L	GE
0	Potassium	800	µg/L	IT
0	Selenium	<2.0	µg/L	GE
1	Selenium	9.1	µg/L	IT
2	Silica	150,000	µg/L	GE
2	Silica	167,000	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<250	µg/L	IT
1	Sodium	28,000	µg/L	GE
1	Sodium	30,800	µg/L	IT
2	Sulfate	7.0E+07	µg/L	GE
2	Sulfate	6.8E+06	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	IT
2	Total dissolved solids	3.4E+06	µg/L	GE
2	Total dissolved solids	9.0E+06	µg/L	IT
2	Total dissolved solids	8.8E+06	µg/L	IT
0	Total organic carbon	4,000	µg/L	GE
1	Total organic carbon	7,380	µg/L	IT
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	43	µg/L	IT
0	Total phosphates (as P)	100	µg/L	GE
1	Total phosphates (as P)	400	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	0.45	µg/L	IT
1	Zinc	3,800	µg/L	GE
2	Zinc	6,840	µg/L	IT
1	Gross alpha	1.3E-08±5.4E-09	µCi/mL	GE
2	Gross alpha	4.1E-08±2.0E-08	µCi/mL	IT
2	Nonvolatile beta	5.8E-08±9.2E-09	µCi/mL	GE
2	Nonvolatile beta	9.8E-08±2.8E-08	µCi/mL	IT
2	Total radium	3.4E-08±7.4E-09	µCi/mL	GE
2	Total radium	2.3E-08±3.0E-09	µCi/mL	IT
0	Tritium	2.8E-06±7.0E-07	µCi/mL	GE
0	Tritium	3.0E-06±3.0E-07	µCi/mL	IT

WELL DCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91
Depth to water: 10.59 ft (3.23 m) below TOC
Water elevation: 116.51 ft (35.51 m) msl
Sp. conductance: 5040 µS/cm
Water evacuated before sampling: 89 gal

Time: 10:15
pH: 2.3
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	2.5	pH	GE
2	pH	2.3	pH	IT
2	Specific conductance	3,500	µS/cm	GE
0	Specific conductance	5.0	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	18	µg/L	IT
0	Barium	10	µg/L	GE
0	Barium	7.3	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
2	Cadmium	28	µg/L	IT
2	Calcium	220,000	µg/L	GE
2	Calcium	261,000	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	<250	µg/L	GE
0	Chloride	2,950	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	IT
2	Chromium	260	µg/L	GE
2	Chromium	678	µg/L	IT
0	Copper	380	µg/L	GE
0	Copper	445	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
1	Fluoride	2,500	µg/L	GE
0	Fluoride	<250	µg/L	IT
2	Iron	700,000	µg/L	GE
2	Iron	603,000	µg/L	IT
0	Lead	12	µg/L	GE

WELL DCB 1A collected on 02/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lead	6.4	µg/L	IT
2	Magnesium	170,000	µg/L	GE
2	Magnesium	233,000	µg/L	IT
2	Manganese	14,000	µg/L	GE
2	Manganese	24,400	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	3,280	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	680	µg/L	GE
0	Potassium	1,500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
1	Selenium	8.0	µg/L	IT
2	Silica	160,000	µg/L	GE
2	Silica	182,000	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<250	µg/L	IT
1	Sodium	29,000	µg/L	GE
1	Sodium	32,000	µg/L	IT
2	Sulfate	5.0E+07	µg/L	GE
2	Sulfate	6.7E+06	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	IT
2	Total dissolved solids	4.3E+06	µg/L	GE
2	Total dissolved solids	9.1E+06	µg/L	IT
1	Total organic carbon	5,000	µg/L	GE
1	Total organic carbon	5,690	µg/L	IT
0	Total organic halogens	48	µg/L	GE
0	Total organic halogens	34	µg/L	IT
0	Total phosphates (as P)	90	µg/L	GE
2	Total phosphates (as P)	477	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	0.43	µg/L	IT
1	Zinc	3,900	µg/L	GE
2	Zinc	6,780	µg/L	IT
1	Gross alpha	1.4E-08±5.4E-09	µCi/mL	GE
2	Gross alpha	2.4E-07±7.0E-08	µCi/mL	IT
2	Nonvolatile beta	5.3E-08±9.1E-09	µCi/mL	GE
2	Nonvolatile beta	1.0E-07±5.0E-08	µCi/mL	IT
2	Total radium	3.0E-08±7.1E-09	µCi/mL	GE
2	Total radium	3.0E-08±3.0E-09	µCi/mL	IT
0	Tritium	3.7E-06±7.0E-07	µCi/mL	GE
0	Tritium	1.5E-06±2.0E-07	µCi/mL	IT

WELL DCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91
Depth to water: 8.17 ft (2.49 m) below TOC
Water elevation: 126.13 ft (38.44 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 75 gal

Time: 11:15
pH: 5.1
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	58	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	27	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,420	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	3,230	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	95	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	126	µg/L	IT
1	Lead	26	µg/L	IT
0	Magnesium	901	µg/L	IT
1	Manganese	30	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,420	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	857	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,200	µg/L	IT
0	Sulfate	1,640	µg/L	IT
0	Tetrachloroethylene	<0.40	µg/L	IT

WELL DCB 2A collected on 02/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	50,000	µg/L	IT
0	Total organic carbon	2,930	µg/L	IT
0	Total organic halogens	9.8	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	1.7	µg/L	IT
0	Zinc	74	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.3E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	3.8E-06 ± 4.0E-07	µCi/mL	IT

WELL DCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91
Depth to water: 11.38 ft (3.47 m) below TOC
Water elevation: 121.62 ft (37.07 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 67 gal

Time: 12:05
pH: 5.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	53	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	38	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,950	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	4,050	µg/L	IT
0	Chloride	4,030	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	87	µg/L	IT
0	Lead	5.8	µg/L	IT
0	Magnesium	1,100	µg/L	IT
2	Manganese	58	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	470	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	3.2	µg/L	IT
0	Silica	6,920	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,590	µg/L	IT
0	Sulfate	12,700	µg/L	IT
0	Sulfate	12,700	µg/L	IT
0	Tetrachloroethylene	1.3	µg/L	IT
0	Total dissolved solids	42,000	µg/L	IT
0	Total organic carbon	2,210	µg/L	IT
0	Total organic halogens	13	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Total phosphates (as P)	10	µg/L	IT
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
1	Trichloroethylene	3.0	µg/L	IT
0	Zinc	12	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	3.1E-06 ± 4.0E-07	µCi/mL	IT

WELL DCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91
Depth to water: 9.45 ft (2.88 m) below TOC
Water elevation: 120.05 ft (36.59 m) msl
Sp. conductance: 539 µS/cm
Water evacuated before sampling: 72 gal

Time: 12:55
pH: 4.4
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	IT
2	Specific conductance	761	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	140	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT

WELL DCB 4A collected on 02/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Calcium	42,700	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	2,060	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	23	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	830	µg/L	IT
0	Iron	45	µg/L	IT
0	Lead	2.4	µg/L	IT
2	Magnesium	21,500	µg/L	IT
2	Manganese	880	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	880	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,660	µg/L	IT
0	Selenium	3.5	µg/L	IT
0	Silica	13,300	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,030	µg/L	IT
2	Sulfate	436,000	µg/L	IT
0	Tetrachloroethylene	<0.40	µg/L	IT
2	Total dissolved solids	653,000	µg/L	IT
0	Total organic carbon	1,100	µg/L	IT
0	Total organic halogens	7.8	µg/L	IT
0	Total phosphates (as P)	22	µg/L	IT
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	0.94	µg/L	IT
0	Zinc	251	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<7.0E-09	µCi/mL	IT
1	Total radium	4.5E-09 ± 7.0E-10	µCi/mL	IT
0	Tritium	3.7E-06 ± 4.0E-07	µCi/mL	IT

WELL DCB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91
Depth to water: 3.33 ft (1.01 m) below TOC
Water elevation: 119.57 ft (36.45 m) msl
Sp. conductance: 557 µS/cm
Water evacuated before sampling: 88 gal

Time: 13:40
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
2	Specific conductance	568	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	45	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	54,600	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	2,500	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	3.6	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	710	µg/L	IT
0	Iron	11	µg/L	IT
0	Lead	2.6	µg/L	IT
2	Magnesium	25,000	µg/L	IT
2	Manganese	1,550	µg/L	IT
0	Mercury	0.47	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,790	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,460	µg/L	IT
0	Selenium	4.4	µg/L	IT
0	Silica	17,600	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,360	µg/L	IT
1	Sulfate	302,000	µg/L	IT
0	Tetrachloroethylene	0.77	µg/L	IT
2	Total dissolved solids	469,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	30	µg/L	IT
0	Total phosphates (as P)	64	µg/L	IT
0	Total phosphates (as P)	63	µg/L	IT
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
2	Trichloroethylene	33	µg/L	IT
0	Zinc	158	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<7.0E-09	µCi/mL	IT
0	Total radium	1.5E-09 ± 5.0E-10	µCi/mL	IT
0	Tritium	3.4E-06 ± 4.0E-07	µCi/mL	IT

ANALYTICAL RESULTS

WELL DCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91
Depth to water: 16.71 ft (5.09 m) below TOC
Water elevation: 116.49 ft (35.51 m) msl
Sp. conductance: 2150 µS/cm
Water evacuated before sampling: 18 gal

Time: 14:30
pH: 3.5
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 23.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.6	pH	IT
2	Specific conductance	2,720	µS/cm	IT
0	Arsenic	4.9	µg/L	IT
0	Barium	17	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
1	Cadmium	9.1	µg/L	IT
2	Calcium	216,000	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	8,210	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
2	Chromium	863	µg/L	IT
0	Copper	153	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Dissolved organic carbon	3,260	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
2	Iron	21,600	µg/L	IT
0	Lead	<2.0	µg/L	IT
2	Magnesium	164,000	µg/L	IT
2	Manganese	34,600	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	280	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
1	Potassium	4,880	µg/L	IT
1	Selenium	9.8	µg/L	IT
1	Silica	37,600	µg/L	IT
0	Silver	4.5	µg/L	IT
0	Sodium	23,900	µg/L	IT
2	Sulfate	2.4E+06	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	J 2.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	3.3E+06	µg/L	IT
0	Total organic carbon	2,960	µg/L	IT
1	Total organic halogens	87	µg/L	IT
0	Total phosphates (as P)	115	µg/L	IT
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	28	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Zinc	1,870	µg/L	IT
2	Gross alpha	1.8E-08±1.0E-08	µCi/mL	IT
0	Nonvolatile beta	<3.3E-08	µCi/mL	IT
2	Total radium	5.2E-09±8.0E-10	µCi/mL	IT
0	Tritium	4.7E-06±5.0E-07	µCi/mL	IT

WELL DCB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91
Depth to water: 15.03 ft (4.58 m) below TOC
Water elevation: 117.77 ft (35.90 m) msl
Sp. conductance: 4010 µS/cm
Water evacuated before sampling: 23 gal

Time: 15:10
pH: 2.3
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	2.3	pH	IT
2	Specific conductance	4,290	µS/cm	IT
0	Arsenic	18	µg/L	IT

WELL DCB 7 collected on 02/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Barium	6.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
2	Cadmium	19	µg/L	IT
2	Calcium	212,000	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,320	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
2	Chromium	53	µg/L	IT
0	Copper	343	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Dissolved organic carbon	3,000	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	573,000	µg/L	IT
0	Lead	2.1	µg/L	IT
2	Magnesium	176,000	µg/L	IT
2	Manganese	18,500	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	630	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	863	µg/L	IT
1	Selenium	6.0	µg/L	IT
2	Silica	106,000	µg/L	IT
0	Silver	<250	µg/L	IT
0	Sodium	21,100	µg/L	IT
2	Sulfate	4.2E+06	µg/L	IT
0	Sulfide	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	5.6E+06	µg/L	IT
0	Total organic carbon	2,040	µg/L	IT
1	Total organic halogens	67	µg/L	IT
1	Total phosphates (as P)	409	µg/L	IT
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	9.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
2	Zinc	5,110	µg/L	IT
2	Gross alpha	4.3E-08±2.0E-08	µCi/mL	IT
1	Nonvolatile beta	4.3E-08±2.0E-08	µCi/mL	IT
2	Total radium	1.5E-08±2.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL DCB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91
Depth to water: 9.12 ft (2.78 m) below TOC
Water elevation: 127.68 ft (38.92 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 46 gal

Time: 10:45
pH: 5.2
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	44	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	16	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	974	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	7,710	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	38	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
1	Iron	188	µg/L	IT
0	Lead	<2.0	µg/L	IT

WELL DCB 8 collected on 02/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Magnesium	1,200	µg/L	IT
0	Manganese	5.9	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	740	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,320	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,090	µg/L	IT
0	Sulfate	2,560	µg/L	IT
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Total dissolved solids	45,000	µg/L	IT
0	Total organic carbon	4,510	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	69	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<0.40	µg/L	IT
0	Zinc	16	µg/L	IT
0	Gross alpha	<4.0E-00	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	5.4E-06 ± 6.0E-07	µCi/mL	IT

WELL DCB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91
Depth to water: 8.71 ft (2.05 m) below TOC
Water elevation: 115.59 ft (35.23 m) msl
Sp. conductance: 1453 µS/cm
Water evacuated before sampling: 48 gal

Time: 11:25
pH: 3.2
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.2	pH	IT
2	Specific conductance	1,420	µS/cm	IT
0	Arsenic	2.1	µg/L	IT
0	Barium	20	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	81,600	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	19	µg/L	IT
0	Copper	157	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	430	µg/L	IT
2	Iron	6,850	µg/L	IT
0	Lead	2.2	µg/L	IT
2	Magnesium	49,500	µg/L	IT
2	Manganese	35,800	µg/L	IT
0	Mercury	0.73	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,150	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,040	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	46,100	µg/L	IT
0	Silver	4.4	µg/L	IT
0	Sodium	10,600	µg/L	IT
2	Sulfate	981,000	µg/L	IT
2	Tetrachloroethylene	5.2	µg/L	IT
2	Total dissolved solids	1.4E+06	µg/L	IT
0	Total organic carbon	1,240	µg/L	IT
0	Total organic carbon	1,590	µg/L	IT
1	Total organic halogens	63	µg/L	IT
0	Total phosphates (as P)	19	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
2	Trichloroethylene	49	µg/L	IT
0	Zinc	864	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.2E-08 ± 4.0E-09	µCi/mL	IT
0	Total radium	1.0E-09 ± 2.0E-10	µCi/mL	IT
0	Tritium	5.4E-06 ± 6.0E-07	µCi/mL	IT

WELL DCB 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91
Depth to water: 6.57 ft (2.00 m) below TOC
Water elevation: 117.33 ft (35.76 m) msl
Sp. conductance: 2470 µS/cm
Water evacuated before sampling: 48 gal

Time: 12:10
pH: 2.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	2.7	pH	IT
2	Specific conductance	2,620	µS/cm	IT
0	Arsenic	9.4	µg/L	IT
0	Barium	7.3	µg/L	IT
0	Lindane	<0.010	µg/L	IT
1	Cadmium	7.8	µg/L	IT
2	Calcium	103,000	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	1,810	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
2	Chromium	878	µg/L	IT
0	Copper	506	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	231,000	µg/L	IT
0	Lead	15	µg/L	IT
2	Magnesium	92,500	µg/L	IT
2	Manganese	9,040	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	109,000	µg/L	IT
0	Silver	<250	µg/L	IT
0	Sodium	11,100	µg/L	IT
2	Sulfate	2.4E+06	µg/L	IT
0	Tetrachloroethylene	<0.40	µg/L	IT
2	Total dissolved solids	3.5E+06	µg/L	IT
0	Total organic carbon	4,070	µg/L	IT
0	Total organic halogens	21	µg/L	IT
0	Total phosphates (as P)	17	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<0.40	µg/L	IT
1	Zinc	3,580	µg/L	IT
2	Gross alpha	9.0E-08 ± 3.0E-08	µCi/mL	IT
1	Nonvolatile beta	4.4E-08 ± 2.0E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	3.3E-06 ± 4.0E-07	µCi/mL	IT

WELL DCB 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91
Depth to water: 8.93 ft (2.72 m) below TOC
Water elevation: 121.67 ft (37.09 m) msl
Sp. conductance: 2080 µS/cm
Water evacuated before sampling: 41 gal
The well went dry during purging.

Time: 14:45
pH: 5.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	IT
2	Specific conductance	2,660	µS/cm	IT
0	Arsenic	10	µg/L	IT
0	Barium	27	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	229,000	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	8,900	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	32,000	µg/L	IT
0	Lead	<2.0	µg/L	IT
2	Magnesium	79,000	µg/L	IT
2	Manganese	2,190	µg/L	IT
0	Mercury	0.33	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	93,800	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	15,000	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	43,700	µg/L	IT

ANALYTICAL RESULTS

WELL DCB 11 collected on 02/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Sulfate	2.1E+06	µg/L	IT
0	Tetrachloroethylene	<0.40	µg/L	IT
2	Total dissolved solids	2.9E+06	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	59	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<0.40	µg/L	IT
0	Zinc	38	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
2	Nonvolatile beta	8.2E-08 ± 1.0E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	3.8E-06 ± 4.0E-07	µCi/mL	IT

WELL DCB 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 Time: 14:20
Depth to water: 6.57 ft (2.00 m) below TOC pH: 3.7
Water elevation: 110.33 ft (33.63 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 367 µS/cm Water temperature: 16.8°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.7	pH	IT
1	Specific conductance	402	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	20	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	12,500	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	10,200	µg/L	IT
0	Chloride	10,300	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
1	Chromium	35	µg/L	IT
0	Copper	54	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	320	µg/L	IT
0	Fluoride	320	µg/L	IT
2	Iron	2,180	µg/L	IT
0	Lead	3.4	µg/L	IT
1	Magnesium	5,740	µg/L	IT
2	Manganese	728	µg/L	IT
0	Mercury	0.36	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	430	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	20,500	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	11,800	µg/L	IT
0	Sulfate	178,000	µg/L	IT
1	Tetrachloroethylene	4.0	µg/L	IT
1	Total dissolved solids	260,000	µg/L	IT
0	Total organic carbon	3,000	µg/L	IT
1	Total organic halogens	54	µg/L	IT
0	Total phosphates (as P)	80	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
2	Trichloroethylene	27	µg/L	IT
0	Zinc	58	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	5.9E-09 ± 3.1E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	8.8E-05 ± 9.0E-06	µCi/mL	IT

WELL DCB 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 Time: 16:10
Depth to water: 15.02 ft (4.58 m) below TOC pH: 5.9
Water elevation: 114.78 ft (34.99 m) msl Alkalinity ($CaCO_3$): 38 mg/L
Sp. conductance: 212 µS/cm Water temperature: 16.7°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	240	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	109	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT

WELL DCB 13 collected on 02/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
1	Calcium	16,200	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	4,660	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	391	µg/L	IT
0	Lead	<2.0	µg/L	IT
2	Magnesium	7,190	µg/L	IT
2	Manganese	716	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	480	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	11,800	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	54,700	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	6,360	µg/L	IT
0	Sulfate	58,100	µg/L	IT
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Total dissolved solids	203,000	µg/L	IT
0	Total organic carbon	1,970	µg/L	IT
0	Total organic halogens	6.5	µg/L	IT
0	Total phosphates (as P)	201	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<0.40	µg/L	IT
0	Zinc	39	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.1E-08 ± 4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	2.0E-06 ± 2.0E-07	µCi/mL	IT

WELL DCB 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 Time: 13:50
Inaccessibility or pump failure prevented sample collection.

WELL DCB 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 Time: 13:20
Depth to water: 15.19 ft (4.63 m) below TOC pH: 6.8
Water elevation: 112.41 ft (34.26 m) msl Alkalinity ($CaCO_3$): 261 mg/L
Sp. conductance: 1276 µS/cm Water temperature: 17.7°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	IT
2	Specific conductance	1,310	µS/cm	IT
0	Arsenic	5.4	µg/L	IT
0	Barium	124	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	192,000	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	4,810	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	15,200	µg/L	IT
0	Lead	<2.0	µg/L	IT
2	Magnesium	37,700	µg/L	IT
2	Manganese	1,280	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	14,300	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	4,530	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	7,260	µg/L	IT
2	Sulfate	577,000	µg/L	IT
0	Tetrachloroethylene	<0.40	µg/L	IT
2	Total dissolved solids	1.1E+06	µg/L	IT
0	Total organic carbon	3,070	µg/L	IT
0	Total organic halogens	5.8	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT

WELL DCB 15 collected on 02/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<0.40	µg/L	IT
0	Zinc	4.9	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.0E-08±5.0E-09	µCi/mL	IT
0	Total radium	1.0E-09±4.0E-10	µCi/mL	IT
0	Tritium	1.2E-06±2.0E-07	µCi/mL	IT

WELL DCB 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91
Depth to water: 15.48 ft (4.72 m) below TOC
Water elevation: 112.41 ft (34.26 m) msl
Sp. conductance: 898 µS/cm
Water evacuated before sampling: 32 gal
Time: 15:45
pH: 6.9
Alkalinity ($CaCO_3$): 256 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	IT
0	Specific conductance	95	µS/cm	IT
0	Arsenic	5.5	µg/L	IT
0	Barium	79	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	124,000	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	15,200	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	4,770	µg/L	IT
0	Lead	<2.0	µg/L	IT
2	Magnesium	18,800	µg/L	IT
2	Manganese	335	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	14,300	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	3,090	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	33,700	µg/L	IT
1	Sulfate	280,000	µg/L	IT
0	Tetrachloroethylene	<0.40	µg/L	IT
2	Total dissolved solids	667,000	µg/L	IT
0	Total organic carbon	3,870	µg/L	IT
0	Total organic halogens	8.9	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<0.40	µg/L	IT
0	Zinc	4.8	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	1.4E-06±2.0E-07	µCi/mL	IT

WELL DOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/21/91
Depth to water: 6.08 ft (1.85 m) below TOC
Water elevation: 145.62 ft (44.39 m) msl
Sp. conductance: 112 µS/cm
Water evacuated before sampling: 81 gal
Time: 10:25
pH: 5.8
Alkalinity ($CaCO_3$): 25 mg/L
Water temperature: 16.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	5.9	pH	GE
0	Specific conductance	71	µS/cm	GE
0	Specific conductance	71	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Aldrin	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	20	µg/L	GE
0	Barium	18	µg/L	GE

WELL DOB 1 collected on 02/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<10	µg/L	GE
0	Lindane	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	alpha-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	beta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	delta-Benzene hexachloride	<10	µg/L	GE
0	Benzidine	<50	µg/L	GE
0	Benzidine	<50	µg/L	GE
0	Benzo(a)anthracene	<10	µg/L	GE
0	Benzo(a)anthracene	<10	µg/L	GE
0	Benzo(a)pyrene	<10	µg/L	GE
0	Benzo(a)pyrene	<10	µg/L	GE
0	Benzo(b)fluoranthene	<10	µg/L	GE
0	Benzo(b)fluoranthene	<10	µg/L	GE
0	Benzo(g,h,i)perylene	<10	µg/L	GE
0	Benzo(g,h,i)perylene	<10	µg/L	GE
0	Benzo(k)fluoranthene	<10	µg/L	GE
0	Benzo(k)fluoranthene	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,200	µg/L	GE
0	Calcium	5,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	1,940	µg/L	GE
0	Chloride	1,950	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	2.0	µg/L	GE
0	Chloroform	3.0	µg/L	GE
0	1-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz(a,h)anthracene	<10	µg/L	GE
0	Dibenz(a,h)anthracene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Dieldrin	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE

ANALYTICAL RESULTS

WELL DOB 1 collected on 02/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	beta-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin	<10	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Endrin aldehyde	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Heptachlor epoxide	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
1	Iron	250	µg/L	GE
1	Iron	230	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	12	µg/L	GE
0	Lead	11	µg/L	GE
2	Magnesium	10,000	µg/L	GE
2	Magnesium	9,700	µg/L	GE
0	Manganese	24	µg/L	GE
0	Manganese	17	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Nitrate as nitrogen	210	µg/L	GE
0	Nitrate as nitrogen	190	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,300	µg/L	GE
0	Silica	4,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	150,000	µg/L	GE
0	Sulfate	181,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	104,000	µg/L	GE
0	Total dissolved solids	98,000	µg/L	GE

WELL DOB 1 collected on 02/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Total organic carbon	11,000	µg/L	GE
2	Total organic carbon	10,000	µg/L	GE
1	Total organic halogens	81	µg/L	GE
1	Total organic halogens	87	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	59	µg/L	GE
2	Trichloroethylene	53	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09±3.3E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09±3.3E-09	µCi/mL	GE
0	Total radium	1.4E-09±3.4E-09	µCi/mL	GE
0	Tritium	5.0E-06±4.0E-07	µCi/mL	GE
0	Tritium	4.5E-06±4.0E-07	µCi/mL	GE

WELL DOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/21/91
Depth to water: 7.00 ft (2.13 m) below TOC
Water elevation: 145.20 ft (44.26 m) msl
Sp. conductance: 49 µS/cm
Water evacuated before sampling: 78 gal
Time: 11:30
pH: 5.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	31	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	22	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	3,120	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	4.0	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	6.8	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	p,p'-DDD	<10	µg/L	GE
0	p,p'-DDE	<10	µg/L	GE
0	p,p'-DDT	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE

WELL DOB 2 collected on 02/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<0.0060	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	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
1	Iron	290	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	1,700	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	Nitrate as nitrogen	820	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	950	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,700	µg/L	GE
0	Sulfate	48,100	µg/L	GE
0	Tetrachloroethylene	<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	10	µg/L	GE
0	Total phosphates (as P)	<50	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	Trichloroethylene	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.6E-06 ± 4.0E-07	µCi/mL	GE

WELL DOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/21/91
Depth to water: 7.09 ft (2.16 m) below TOC
Water elevation: 145.71 ft (44.41 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 78 gal

Time: 12:10
pH: 5.9
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 17.7°C

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	Aldrin	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE

WELL DOB 3 collected on 02/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	970	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	2.0	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	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<0.0060	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	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	100	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	880	µg/L	GE
0	Manganese	4.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	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	550	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sulfate	5,640	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	14,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	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 DOB 3 collected on 02/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.1E-08±3.0E-07	µCi/mL	GE

WELL DOB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/21/91 Time: 13:00
Depth to water: 7.70 ft (2.35 m) below TOC pH: 5.1
Water elevation: 145.30 ft (44.29 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 38 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 95 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	23	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	22	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<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	<50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Bis(chloromethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chlordane	<10	µg/L	GE
0	Chloride	3,060	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	2-Chloroethyl vinyl ether	<10	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	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	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,2-Diphenylhydrazine	<10	µg/L	GE
0	Endosulfan sulfate	<10	µg/L	GE
0	alpha-Endosulfan	<10	µg/L	GE
0	beta-Endosulfan	<10	µg/L	GE
0	Endrin	<0.0060	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	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	51	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	880	µg/L	GE
0	Manganese	11	µg/L	GE

WELL DOB 4 collected on 02/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	900	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	PCB 1016	<150	µg/L	GE
0	PCB 1221	<150	µg/L	GE
0	PCB 1232	<150	µg/L	GE
0	PCB 1242	<150	µg/L	GE
0	PCB 1248	<150	µg/L	GE
0	PCB 1254	<150	µg/L	GE
0	PCB 1260	<150	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	880	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	7,420	µg/L	GE
0	Tetrachloroethylene	<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)	<50	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	Trichloroethylene	<1.0	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	5.7E-06±4.0E-07	µCi/mL	GE

WELL F 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 12:40
The well was dry.

WELL F 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 12:20
Depth to water: 45.00 ft (13.72 m) below TOC pH: 6.2
Water elevation: 208.50 ft (63.55 m) msl
Sp. conductance: 72 µS/cm Water temperature: 17.9°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	5.1E-09±1.6E-09	µCi/mL	EM
0	Nonvolatile beta	1.3E-08±2.4E-09	µCi/mL	EM
2	Tritium	4.0E-04±1.5E-05	µCi/mL	EM

WELL F 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 13:00
Depth to water: 50.10 ft (15.27 m) below TOC pH: 7.7
Water elevation: 205.80 ft (62.73 m) msl
Sp. conductance: 31 µS/cm Water temperature: 18.9°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Gross alpha	1.1E-08±2.3E-09	µCi/mL	EM
1	Nonvolatile beta	3.8E-08±4.7E-09	µCi/mL	EM
2	Tritium	3.9E-04±7.5E-05	µCi/mL	EM

WELL F 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 12:00
Depth to water: 34.90 ft (10.64 m) below TOC pH: 7.3
Water elevation: 204.90 ft (62.45 m) msl
Sp. conductance: 31 µS/cm Water temperature: 19.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	6.4E-11±2.7E-10	µCi/mL	EM
0	Nonvolatile beta	4.4E-09±1.4E-09	µCi/mL	EM
1	Tritium	1.4E-05±6.6E-06	µCi/mL	EM

WELL F 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 13:30
Depth to water: 49.10 ft (14.97 m) below TOC pH: 7.2
Water elevation: 211.80 ft (64.56 m) msl
Sp. conductance: 44 µS/cm Water temperature: 17.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.9E-10±4.5E-10	µCi/mL	EM
1	Nonvolatile beta	2.6E-08±4.3E-09	µCi/mL	EM
2	Tritium	2.2E-05±1.2E-06	µCi/mL	EM

WELL FAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91 Time: 12:10
Depth to water: 84.07 ft (25.62 m) below TOC pH: 9.0
Water elevation: 227.73 ft (69.41 m) msl Alkalinity ($CaCO_3$): 58 mg/L
Sp. conductance: 247 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 2 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.3	pH	GE
1	pH	8.3	pH	GE
1	pH	8.3	pH	GE
1	pH	8.3	pH	GE
0	Specific conductance	169	µS/cm	GE
0	Specific conductance	175	µS/cm	GE
0	Specific conductance	178	µS/cm	GE
0	Specific conductance	181	µS/cm	GE
2	Turbidity	405	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	29	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	33,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	6,250	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	12	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	570	µg/L	GE
2	Iron	848	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	2,800	µg/L	GE
0	Manganese	24	µg/L	GE
0	Mercury	0.71	µg/L	GE
0	Nitrate as nitrogen	320	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	4,900	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	17,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	20,000	µg/L	GE
0	Sulfate	4,420	µg/L	GE
0	Tetrachloroethylene	<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 carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Zinc	2.8	µg/L	GE
0	Tritium	2.7E-06±3.0E-07	µCi/mL	GE

WELL FAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91 Time: 14:00
Depth to water: 83.28 ft (25.38 m) below TOC pH: 5.0
Water elevation: 226.82 ft (69.07 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 113 µS/cm Water temperature: 15.4°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
0	pH	4.7	pH	IT
0	Specific conductance	64	µS/cm	GE
0	Specific conductance	114	µS/cm	IT
2	Turbidity	69	NTU	GE
2	Turbidity	73	NTU	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	38	µg/L	GE
0	Barium	30	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	6,600	µg/L	GE
0	Calcium	5,380	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	2,180	µg/L	GE
0	Chloride	2,150	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	28	µg/L	GE
0	Iron	103	µg/L	IT
0	Lead	5.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	3,100	µg/L	GE
0	Magnesium	2,290	µg/L	IT
2	Manganese	310	µg/L	GE
2	Manganese	228	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	750	µg/L	GE
0	Nitrate as nitrogen	390	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,800	µg/L	GE
0	Potassium	3,800	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,100	µg/L	GE
0	Silica	7,090	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	5,100	µg/L	GE
0	Sodium	4,180	µg/L	IT
0	Sulfate	48 100	µg/L	GE
0	Sulfate	40,800	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Total dissolved solids	53,000	µg/L	GE
0	Total dissolved solids	26,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,560	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	88	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<0.40	µg/L	IT
1	Gross alpha	8.4E-09±3.5E-09	µCi/mL	GE
2	Gross alpha	2.0E-08±5.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.1E-08±4.5E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08±4.0E-09	µCi/mL	IT
2	Total radium	1.4E-08±5.5E-09	µCi/mL	GE
2	Total radium	1.4E-08±2.0E-09	µCi/mL	IT
0	Tritium	1.3E-06±3.0E-07	µCi/mL	GE
0	Tritium	1.0E-06±1.0E-07	µCi/mL	IT

ANALYTICAL RESULTS

WELL FAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91 Time: 14:00
Depth to water: 83.28 ft (25.38 m) below TOC pH: 5.0
Water elevation: 226.82 ft (69.07 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 113 µS/cm Water temperature: 15.4°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	5.1	pH	GE
0	pH	4.8	pH	IT
0	Specific conductance	61	µS/cm	GE
0	Specific conductance	61	µS/cm	GE
0	Specific conductance	116	µS/cm	IT
1	Turbidity	29	NTU	GE
1	Turbidity	30	NTU	GE
2	Turbidity	101	NTU	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	37	µg/L	GE
0	Barium	36	µg/L	GE
0	Barium	37	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	6,600	µg/L	GE
0	Calcium	6,400	µg/L	GE
0	Calcium	5,930	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	2,160	µg/L	GE
0	Chloride	2,160	µg/L	GE
0	Chloride	2,210	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	IT
0	Chromium	4.9	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	48	µg/L	GE
0	Iron	49	µg/L	GE
1	Iron	265	µg/L	IT
0	Lead	3.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	3,000	µg/L	GE
0	Magnesium	3,000	µg/L	GE
0	Magnesium	2,730	µg/L	IT
2	Manganese	300	µg/L	GE
2	Manganese	300	µg/L	GE
2	Manganese	279	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	490	µg/L	GE
0	Nitrate as nitrogen	490	µg/L	GE
0	Nitrate as nitrogen	380	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,900	µg/L	GE
0	Potassium	2,700	µg/L	GE
0	Potassium	3,020	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,100	µg/L	GE
0	Silica	8,100	µg/L	GE
0	Silica	7,800	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	4,800	µg/L	GE
0	Sodium	4,800	µg/L	GE
0	Sodium	4,130	µg/L	IT
0	Sulfate	37,400	µg/L	GE
0	Sulfate	38,000	µg/L	GE
0	Sulfate	41,000	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE

WELL FAC 4 collected on 02/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Total dissolved solids	52,000	µg/L	GE
0	Total dissolved solids	59,000	µg/L	GE
0	Total dissolved solids	60,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,540	µg/L	IT
0	Total organic halogens	16	µg/L	GE
0	Total organic halogens	17	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	92	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
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	<0.40	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<0.40	µg/L	IT
1	Gross alpha	8.9E-09 ± 3.6E-09	µCi/mL	GE
0	Gross alpha	6.7E-09 ± 3.2E-09	µCi/mL	GE
2	Gross alpha	3.4E-08 ± 8.0E-09	µCi/mL	IT
0	Nonvolatile beta	6.5E-09 ± 4.1E-09	µCi/mL	GE
0	Nonvolatile beta	8.9E-09 ± 4.3E-09	µCi/mL	GE
0	Nonvolatile beta	1.6E-08 ± 4.0E-09	µCi/mL	IT
2	Total radium	1.3E-08 ± 6.2E-09	µCi/mL	GE
2	Total radium	1.4E-08 ± 6.2E-09	µCi/mL	GE
2	Total radium	2.0E-08 ± 2.0E-09	µCi/mL	IT
0	Tritium	1.2E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	1.6E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	1.2E-08 ± 2.0E-07	µCi/mL	IT

WELL FAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91 Time: 12:55
Depth to water: 94.13 ft (28.69 m) below TOC pH: 5.6
Water elevation: 221.87 ft (67.57 m) msl Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 95 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	5.6	pH	GE
0	pH	5.7	pH	GE
0	pH	5.7	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Specific conductance	58	µS/cm	GE
0	Specific conductance	58	µS/cm	GE
0	Specific conductance	60	µS/cm	GE
2	Turbidity	282	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,030	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	32	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	2,300	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	80	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	4,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,400	µg/L	GE
0	Sulfate	30,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	52,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic 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

WELL FAC 5 collected on 02/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09±2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	9.9E-07±2.0E-07	µCi/mL	GE

WELL FAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: 96.01 ft (29.26 m) below TOC
Water elevation: 216.49 ft (65.99 m) msl
Sp. conductance: 100 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 10:20
pH: 6.1
Alkalinity ($CaCO_3$): 64 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	112	µS/cm	GE
1	Turbidity	49	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,820	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	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	640	µg/L	GE
0	Manganese	9.5	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	2,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,000	µg/L	GE
0	Sulfate	11,000	µg/L	GE
0	Tetrachloroethylene	<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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.8E-06±3.0E-07	µCi/mL	GE

WELL FAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: 93.97 ft (28.64 m) below TOC
Water elevation: 218.03 ft (66.46 m) msl
Sp. conductance: 106 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 11:00
pH: 6.2
Alkalinity ($CaCO_3$): 21 mg/L
Water temperature: 20.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	91	µS/cm	GE
2	Turbidity	112	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,030	µg/L	GE
0	Chloroform	2.0	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

WELL FAC 7 collected on 02/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Iron	39	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	550	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	270	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,000	µg/L	GE
0	Sulfate	22,500	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	69,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.2E-09±2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.6E-06±3.0E-07	µCi/mL	GE

WELL FAC 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: 85.42 ft (26.04 m) below TOC
Water elevation: 225.58 ft (68.76 m) msl
Sp. conductance: 83 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 11:30
pH: 6.3
Alkalinity ($CaCO_3$): 15 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	103	µS/cm	GE
2	Turbidity	770	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	9,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,060	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	85	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	390	µg/L	GE
1	Manganese	35	µg/L	GE
1	Mercury	1.0	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	2,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,800	µg/L	GE
0	Sulfate	7,580	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	71,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.3E-09±2.6E-09	µCi/mL	GE
0	Total radium	1.5E-09±2.7E-09	µCi/mL	GE
0	Tritium	1.9E-06±3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL FAL 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91
Depth to water: 95.65 ft (29.15 m) below TOC
Water elevation: 217.25 ft (66.22 m) msl
Sp. conductance: 202 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 11:50
pH: 7.2
Alkalinity ($CaCO_3$): 87 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	IT
0	Specific conductance	174	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	19	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	17,300	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,930	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	270	µg/L	IT
0	Iron	38	µg/L	IT
0	Lead	<3.0	µg/L	IT
1	Magnesium	5,510	µg/L	IT
0	Manganese	7.9	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,090	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,810	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	6,100	µg/L	IT
0	Sulfate	4,110	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	138,000	µg/L	IT
0	Total organic carbon	1,290	µg/L	IT
0	Total organic halogens	18	µg/L	IT
0	Total phosphates (as P)	74	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	18	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Antimony-125	<4.9E-08	µCi/mL	EM
0	Cerium-144	<1.1E-07	µCi/mL	EM
0	Cesium-134	<1.7E-08	µCi/mL	EM
0	Cesium-137	<2.1E-08	µCi/mL	EM
0	Chromium-51	<1.3E-06	µCi/mL	EM
0	Cobalt-60	<1.4E-08	µCi/mL	EM
0	Gross alpha	3.1E-09 ± 2.0E-09	µCi/mL	IT
0	Niobium-95	<1.4E-07	µCi/mL	EM
0	Nonvolatile beta	7.0E-09 ± 3.2E-09	µCi/mL	IT
0	Ruthenium-103	<9.4E-08	µCi/mL	EM
0	Ruthenium-106	<2.3E-07	µCi/mL	EM
0	Strontium-89/90	1.0E-12 ± 1.1E-09	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Zirconium-95	<9.0E-08	µCi/mL	EM

WELL FAL 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91
Depth to water: 96.57 ft (29.43 m) below TOC
Water elevation: 215.53 ft (65.69 m) msl
Sp. conductance: 80 µS/cm
Water evacuated before sampling: 1 gal
The well went dry during purging.

Time: 12:15
pH: 5.8
Alkalinity ($CaCO_3$): 13 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	IT
0	Specific conductance	47	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.7	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,840	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,320	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	B 5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	86	µg/L	IT
2	Lead	114	µg/L	IT
0	Magnesium	550	µg/L	IT
2	Manganese	60	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	11,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,020	µg/L	IT
0	Sulfate	6,660	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	J 1.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	81,000	µg/L	IT
0	Total organic carbon	1,350	µg/L	IT
0	Total organic halogens	45	µg/L	IT
0	Total phosphates (as P)	56	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	28	µg/L	IT
0	Trichlorofluoromethane	34	µg/L	IT
0	Antimony-125	<1.2E-07	µCi/mL	EM
0	Cerium-144	<3.0E-07	µCi/mL	EM
0	Cesium-134	<3.7E-08	µCi/mL	EM
0	Cesium-137	<4.2E-08	µCi/mL	EM
0	Chromium-51	<2.1E-06	µCi/mL	EM
0	Cobalt-60	<3.7E-08	µCi/mL	EM
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Iodine-131	<2.9E-05	µCi/mL	EM
0	Niobium-95	<1.3E-07	µCi/mL	EM
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Ruthenium-103	<1.4E-07	µCi/mL	EM
0	Ruthenium-106	<4.0E-07	µCi/mL	EM
0	Strontium-89/90	1.5E-10 ± 1.3E-09	µCi/mL	EM
0	Strontium-89/90	1.5E-10 ± 1.3E-09	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	1.1E-08 ± 2.0E-07	µCi/mL	IT
0	Zirconium-95	<1.2E-07	µCi/mL	EM

WELL FBP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 Time: 17:30
Depth to water: 82.14 ft (25.04 m) below TOC pH: 4.8
Water elevation: 205.76 ft (62.72 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 104 µS/cm Water temperature: 18.4°C
Water evacuated before sampling: 115 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	5.1	pH	GE
0	Specific conductance	98	µS/cm	GE
0	Specific conductance	98	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	24	µg/L	GE
0	Barium	24	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,900	µg/L	GE
0	Calcium	7,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,800	µg/L	GE
0	Chloride	2,870	µg/L	GE
0	Chloroform	1.0	µg/L	GE
0	Chloroform	1.0	µg/L	GE
0	Chromium	4.4	µg/L	GE
0	Chromium	4.6	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	48	µg/L	GE
0	Iron	33	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	2,100	µg/L	GE
0	Magnesium	2,100	µg/L	GE
1	Manganese	29	µg/L	GE
1	Manganese	29	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
1	Nitrate as nitrogen	5,850	µg/L	GE
1	Nitrate as nitrogen	6,950	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	620	µg/L	GE
0	Potassium	580	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,900	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,300	µg/L	GE
0	Sodium	4,500	µg/L	GE
0	Sulfate	4,260	µg/L	GE
0	Sulfate	4,740	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	41,000	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	6.0	µg/L	GE
2	Trichloroethylene	6.0	µg/L	GE
0	Gross alpha	3.3E-09±2.4E-09	µCi/mL	GE
0	Gross alpha	3.7E-09±2.5E-09	µCi/mL	GE
2	Nonvolatile beta	5.2E-08±7.5E-09	µCi/mL	GE
2	Nonvolatile beta	5.5E-08±7.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.1E-09±3.3E-09	µCi/mL	GE
0	Tritium	5.8E-06±4.0E-07	µCi/mL	GE
0	Tritium	5.7E-06±4.0E-07	µCi/mL	GE

WELL FBP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 Time: 15:15
Depth to water: 99.18 ft (30.23 m) below TOC pH: 5.0
Water elevation: 189.92 ft (57.89 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 59 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 139 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,300	µg/L	GE
1	Carbon tetrachloride	4.0	µg/L	GE
0	Chloride	5,520	µg/L	GE
0	Chloroform	2.0	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	27	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	950	µg/L	GE
1	Manganese	25	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	2,270	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	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,100	µg/L	GE
0	Sulfate	2,090	µg/L	GE
2	Tetrachloroethylene	31	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	99	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	33	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.5E-08±4.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	6.0E-06±4.0E-07	µCi/mL	GE

WELL FBP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 Time: 16:00
Depth to water: 100.58 ft (30.66 m) below TOC pH: 5.2
Water elevation: 192.32 ft (58.62 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 56 µS/cm Water temperature: 18.7°C
Water evacuated before sampling: 135 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	52	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,820	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	4.9	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	30	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	570	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	Nitrate as nitrogen	280	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,500	µg/L	GE
0	Sulfate	11,900	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Total dissolved solids	9,000	µg/L	GE

ANALYTICAL RESULTS

WELL FBP 3A collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.5E-06 ± 3.0E-07	µCi/mL	GE

WELL FBP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 Time: 16:40
Depth to water: 74.40 ft (22.68 m) below TOC pH: 4.9
Water elevation: 211.90 ft (64.59 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 28 µS/cm Water temperature: 18.3°C
Water evacuated before sampling: 123 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	340	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,970	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	31	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	260	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	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	6,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,400	µg/L	GE
0	Sulfate	4,170	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	15	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	4.3E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	5.9E-06 ± 4.0E-07	µCi/mL	GE

WELL FCA 1N

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 Time: 10:40
The well was dry.

WELL FCA 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 Time: 10:00
Depth to water: 14.18 ft (4.32 m) below TOC pH: 8.3
Water elevation: 298.02 ft (90.84 m) msl Alkalinity ($CaCO_3$): 121 mg/L
Sp. conductance: 306 µS/cm Water temperature: 18.0°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

WELL FCA 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 Time: 9:45
Depth to water: 89.85 ft (27.33 m) below TOC pH: 4.1
Water elevation: 222.55 ft (67.83 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 370 µS/cm Water temperature: 12.2°C
Water evacuated before sampling: 2 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony-125	<1.7E-07	µCi/mL	EM
0	Cerium-144	<4.9E-07	µCi/mL	EM
0	Cesium-134	<7.1E-08	µCi/mL	EM
0	Cesium-137	<7.5E-08	µCi/mL	EM
0	Chromium-51	<7.6E-08	µCi/mL	EM
0	Cobalt-60	<8.5E-08	µCi/mL	EM
0	Iodine-131	<5.9E-04	µCi/mL	EM
0	Niobium-95	<5.3E-07	µCi/mL	EM
0	Ruthenium-103	<3.9E-07	µCi/mL	EM
0	Ruthenium-106	<7.3E-07	µCi/mL	EM
0	Strontium-89/90	9.9E-10 ± 1.5E-09	µCi/mL	EM
1	Tritium	1.1E-05 ± 9.5E-07	µCi/mL	EM
0	Zirconium-95	<3.5E-07	µCi/mL	EM

WELL FCA 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 Time 10:50
The well was dry.

WELL FCA 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 Time: 10:10
Inaccessibility or pump failure prevented sample collection.

WELL FCA 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 Time: 10:15
Depth to water: 88.02 ft (26.83 m) below TOC pH: 3.8
Water elevation: 223.88 ft (68.24 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 282 µS/cm Water temperature: 16.7°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony-125	<4.8E-08	µCi/mL	EM
0	Cerium-144	<1.2E-07	µCi/mL	EM
0	Cesium-137	<1.8E-08	µCi/mL	EM
0	Chromium-51	<1.4E-06	µCi/mL	EM
0	Cobalt-60	<2.4E-08	µCi/mL	EM
0	Iodine-131	<7.3E-05	µCi/mL	EM
0	Niobium-95	<1.1E-07	µCi/mL	EM
0	Ruthenium-103	<9.3E-08	µCi/mL	EM
0	Ruthenium-106	<2.2E-07	µCi/mL	EM
0	Strontium-89/90	1.7E-07 ± 8.9E-09	µCi/mL	EM
0	Tritium	9.0E-06 ± 8.7E-07	µCi/mL	EM
0	Zirconium-95	<9.0E-08	µCi/mL	EM

WELL FCA 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 Time: 10:45
Depth to water: 88.17 ft (26.87 m) below TOC pH: 5.8
Water elevation: 223.63 ft (68.16 m) msl Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 63 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	IT
0	pH	6.2	pH	IT
0	Specific conductance	51	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.2	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT

WELL FCA 10A collected on 02/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,270	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,800	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	1,2-Dichloropropan	<5.0	µg/L	IT
0	cis-1,3-Dichloropro; e	<5.0	µg/L	IT
0	trans-1,3-Dichloropr ene	<5.0	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	9.4	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	243	µg/L	IT
0	Manganese	9.4	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nitrate as nitrogen	3,410	µg/L	IT
0	Nitrate as nitrogen	3,420	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,720	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	7,010	µg/L	IT
0	Sulfate	2,630	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	112,000	µg/L	IT
0	Total organic carbon	4,010	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
2	Total phosphates (as P)	1,230	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Antimony-125	<1.3E-07	µCi/mL	EM
0	Cerium-144	<6.6E-07	µCi/mL	EM
0	Cesium-137	<4.2E-08	µCi/mL	EM
0	Chromium-51	<2.1E-02	µCi/mL	EM
0	Cobalt-60	<3.8E-08	µCi/mL	EM
2	Gross alpha	2.8E-08±5.0E-09	µCi/mL	IT
0	Iodine-131	<1.8E+09	µCi/mL	EM
0	Niobium-95	<2.1E-04	µCi/mL	EM
0	Nonvolatile beta	2.0E-08±4.0E-09	µCi/mL	IT
0	Ruthenium-103	<8.9E-05	µCi/mL	EM
0	Ruthenium-106	<7.6E-07	µCi/mL	EM
0	Strontium-89/90	9.8E-10±1.5E-09	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	7.3E-06±8.2E-07	µCi/mL	EM
0	Zirconium-95	<8.2E-06	µCi/mL	EM

WELL FCA 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 Time: 10:45
The well was dry.

WELL FCA 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 Time: 10:20
The well was dry.

WELL FCA 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 Time: 10:15
The well was dry.

WELL FCA 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 Time: 11:15
Depth to water: 88.48 ft (26.97 m) below TOC pH: 5.6
Water elevation: 223.72 ft (68.19 m) msl Alkalinity ($CaCO_3$): 7 mg/L
Sp. conductance: 64 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	IT
0	Specific conductance	55	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	7.5	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,630	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,930	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	280	µg/L	IT
0	Manganese	13	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,420	µg/L	IT
0	Nitrate as nitrogen	2,380	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,780	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,810	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	5,630	µg/L	IT
0	Sulfate	1,880	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	J 1.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	90,000	µg/L	IT
0	Total organic carbon	4,880	µg/L	IT
0	Total organic carbon	4,830	µg/L	IT
0	Total organic halogens	5.9	µg/L	IT
2	Total phosphates (as P)	578	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Cerium-144	<1.1E-07	µCi/mL	EM
0	Cesium-137	<2.2E-08	µCi/mL	EM
0	Chromium-51	<2.8E-07	µCi/mL	EM
0	Cobalt-60	<2.8E-08	µCi/mL	EM
2	Gross alpha	3.3E-08±6.0E-09	µCi/mL	IT
0	Gross alpha	3.5E-10±4.9E-10	µCi/mL	EM
0	Iodine-131	<1.2E-07	µCi/mL	EM
0	Niobium-95	<3.0E-08	µCi/mL	EM
1	Nonvolatile beta	3.2E-08±5.0E-09	µCi/mL	IT
0	Nonvolatile beta	4.6E-09±1.4E-09	µCi/mL	EM
0	Ruthenium-103	<2.8E-08	µCi/mL	EM
0	Strontium-89/90	-6.0E-10±1.3E-08	µCi/mL	EM
1	Total radium	3.7E-08±4.0E-10	µCi/mL	IT
0	Tritium	4.2E-06±5.0E-07	µCi/mL	IT
0	Tritium	4.6E-06±7.4E-07	µCi/mL	EM
0	Zirconium-95	<3.9E-08	µCi/mL	EM

ANALYTICAL RESULTS

WELL FCA 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 Time: 11:05
Depth to water: 14.78 ft (4.51 m) below TOC pH: 7.1
Water elevation: 297.31 ft (90.62 m) msl Alkalinity ($CaCO_3$): 62 mg/L
Sp. conductance: 179 µS/cm Water temperature: 21.1°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
0	Antimony-125	<5.5E-08	µCi/mL	EM
0	Cerium-144	<1.1E-07	µCi/mL	EM
0	Cesium-137	<2.2E-08	µCi/mL	EM
0	Chromium-51	<1.3E-06	µCi/mL	EM
0	Cobalt-60	<2.3E-08	µCi/mL	EM
0	Iodine-131	<5.0E-05	µCi/mL	EM
0	Niobium-95	<9.7E-08	µCi/mL	EM
0	Ruthenium-103	<8.6E-08	µCi/mL	EM
0	Ruthenium-106	<2.1E-07	µCi/mL	EM
0	Strontium-89/90	2.5E-09±1.7E-09	µCi/mL	EM
0	Tritium	3.2E-06±6.9E-07	µCi/mL	EM
0	Zirconium-95	<9.6E-08	µCi/mL	EM

WELL FCA 16D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 Time: 10:25
Depth to water: 87.00 ft (26.52 m) below TOC pH: 5.9
Water elevation: 223.70 ft (68.18 m) msl Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 153 µS/cm Water temperature: 17.1°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
0	Antimony-125	<4.3E-08	µCi/mL	EM
0	Cerium-144	<1.1E-07	µCi/mL	EM
0	Cesium-137	<2.1E-08	µCi/mL	EM
0	Chromium-51	<1.6E-06	µCi/mL	EM
0	Cobalt-60	<2.1E-08	µCi/mL	EM
0	Iodine-131	<7.0E-05	µCi/mL	EM
0	Niobium-95	<1.0E-07	µCi/mL	EM
0	Ruthenium-103	<8.6E-08	µCi/mL	EM
0	Ruthenium-106	<1.8E-07	µCi/mL	EM
0	Strontium-89/90	7.4E-10±1.2E-09	µCi/mL	EM
2	Tritium	3.4E-04±4.1E-06	µCi/mL	EM
0	Zirconium-95	<9.0E-08	µCi/mL	EM

WELL FCA 16T

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/27/91 Time: 11:00
The well was dry.

WELL FCA 19D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 Time: 11:30
Depth to water: 98.13 ft (29.30 m) below TOC pH: 6.9
Water elevation: 215.47 ft (65.68 m) msl Alkalinity ($CaCO_3$): 186 mg/L
Sp. conductance: 374 µS/cm Water temperature: 16.4°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	IT
1	Specific conductance	304	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	89	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	38,800	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,550	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT

WELL FCA 19D collected on 02/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,540	µg/L	IT
0	Manganese	24	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	430	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	22,600	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	4,820	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	18,600	µg/L	IT
0	Sulfate	4,810	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	260,000	µg/L	IT
1	Total dissolved solids	245,000	µg/L	IT
0	Total organic carbon	1,810	µg/L	IT
2	Total organic halogens	173	µg/L	IT
0	Total phosphates (as P)	35	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	7.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	84	µg/L	IT
2	Trichlorofluoromethane	170	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Antimony-125	<6.5E-08	µCi/mL	EM
0	Cerium-144	<1.2E-07	µCi/mL	EM
0	Cesium-134	<2.1E-08	µCi/mL	EM
0	Cesium-137	<2.4E-08	µCi/mL	EM
0	Chromium-51	<4.0E-07	µCi/mL	EM
0	Cobalt-60	<2.1E-08	µCi/mL	EM
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Iodine-131	<5.8E-07	µCi/mL	EM
0	Niobium-95	<4.6E-08	µCi/mL	EM
0	Nonvolatile beta	1.8E-08±4.0E-09	µCi/mL	IT
0	Ruthenium-103	<4.2E-08	µCi/mL	EM
0	Ruthenium-106	<2.1E-07	µCi/mL	EM
0	Strontium-89/90	3.6E-11±1.3E-09	µCi/mL	EM
0	Total radium	1.4E-09±2.0E-10	µCi/mL	IT
0	Tritium	4.7E-06±5.0E-07	µCi/mL	IT
0	Tritium	5.8E-06±7.8E-07	µCi/mL	EM
0	Zirconium-95	<5.7E-08	µCi/mL	EM

WELL FCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91 Time: 16:20
Depth to water: 79.29 ft (24.17 m) below TOC pH: 4.9
Water elevation: 228.01 ft (69.50 m) msl Alkalinity ($CaCO_3$) 0 mg/L
Sp. conductance: 22 µS/cm Water temperature: 19.3°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
0	Specific conductance	22	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.9	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	544	µg/L	IT
0	Chloride	2,090	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	7.3	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	55	µg/L	IT
0	Lead	5.3	µg/L	IT
0	Magnesium	282	µg/L	IT
0	Manganese	3.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	0.27	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	990	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT

WELL FCB 2 collected on 02/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silica	6,180	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,470	µg/L	IT
0	Sulfate	1,040	µg/L	IT
0	Total dissolved solids	13,000	µg/L	IT
0	Total dissolved solids	11,000	µg/L	IT
0	Total organic carbon	3,470	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	106	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	3.7E-09 ± 2.3E-09	µCi/mL	IT
0	Nonvolatile beta	4.4E-09 ± 2.9E-09	µCi/mL	IT
0	Total radium	1.6E-09 ± 2.0E-10	µCi/mL	IT
0	Tritium	4.3E-06 ± 5.0E-07	µCi/mL	IT

WELL FCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: 81.63 ft (24.88 m) below TOC
Water elevation: 220.67 ft (67.26 m) msl
Sp. conductance: 93 µS/cm
Water evacuated before sampling: 67 gal

Time: 15:15
pH: 6.3
Alkalinity ($CaCO_3$): 38 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	pH	6.3	pH	IT
0	Specific conductance	61	µS/cm	GE
0	Specific conductance	90	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	16	µg/L	GE
0	Barium	99	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	13,000	µg/L	GE
0	Calcium	14,800	µg/L	IT
0	Chloride	3,100	µg/L	GE
0	Chloride	2,500	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	7.1	µg/L	IT
0	Copper	18	µg/L	GE
0	Copper	55	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	140	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	85	µg/L	GE
2	Iron	1,980	µg/L	IT
0	Lead	4.0	µg/L	GE
0	Lead	8.7	µg/L	IT
0	Magnesium	940	µg/L	GE
0	Magnesium	1,130	µg/L	IT
0	Manganese	18	µg/L	GE
2	Manganese	75	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,420	µg/L	GE
0	Nitrate as nitrogen	1,280	µg/L	IT
0	Nitrate as nitrogen	1,260	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	650	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	11,000	µg/L	GE
0	Silica	14,600	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,500	µg/L	GE
0	Sodium	2,080	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	51,000	µg/L	GE
0	Total dissolved solids	65,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,400	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	6.1	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
1	Total phosphates (as P)	392	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT

WELL FCB 3 collected on 02/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Gross alpha	3.4E-08 ± 6.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	3.6E-08 ± 5.0E-09	µCi/mL	IT
1	Total radium	3.1E-09 ± 3.2E-09	µCi/mL	GE
2	Total radium	1.6E-08 ± 2.0E-09	µCi/mL	IT
0	Tritium	6.4E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	5.0E-06 ± 5.0E-07	µCi/mL	IT

WELL FCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: 81.63 ft (24.88 m) below TOC
Water elevation: 220.67 ft (67.26 m) msl
Sp. conductance: 93 µS/cm
Water evacuated before sampling: 67 gal

Time: 15:15
pH: 6.3
Alkalinity ($CaCO_3$): 38 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	pH	6.4	pH	IT
0	Specific conductance	79	µS/cm	GE
0	Specific conductance	114	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
1	Barium	500	µg/L	GE
0	Barium	217	µg/L	GE
0	Barium	103	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
1	Calcium	15,000	µg/L	GE
1	Calcium	15,400	µg/L	IT
0	Chloride	2,700	µg/L	GE
0	Chloride	3,030	µg/L	IT
1	Chromium	26	µg/L	GE
0	Chromium	7.1	µg/L	IT
0	Copper	62	µg/L	GE
0	Copper	136	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	140	µg/L	GE
0	Fluoride	<250	µg/L	IT
2	Iron	7,800	µg/L	GE
2	Iron	1,790	µg/L	GE
2	Iron	2,030	µg/L	IT
0	Lead	14	µg/L	GE
0	Lead	10	µg/L	IT
0	Magnesium	2,300	µg/L	GE
0	Magnesium	1,140	µg/L	IT
2	Manganese	98	µg/L	GE
2	Manganese	105	µg/L	GE
2	Manganese	77	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,400	µg/L	GE
0	Nitrate as nitrogen	1,310	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	883	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	140	µg/L	GE
0	Silica	14,800	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,400	µg/L	GE
0	Sodium	2,080	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	56,000	µg/L	GE
0	Total dissolved solids	68,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,720	µg/L	IT
1	Total organic halogens	64	µg/L	GE
0	Total organic halogens	7.5	µg/L	IT
0	Total phosphates (as P)	50	µg/L	GE
1	Total phosphates (as P)	362	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Gross alpha	3.4E-08 ± 6.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	7.8E-08 ± 8.0E-09	µCi/mL	IT
0	Total radium	1.3E-09 ± 2.6E-09	µCi/mL	GE
2	Total radium	1.2E-08 ± 2.0E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL FCB 3 collected on 02/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tritium	6.2E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	5.1E-06 ± 6.0E-07	µCi/mL	IT

WELL FCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 — Time: 12:35
Depth to water: 79.82 ft (24.33 m) below TOC — pH: 5.2
Water elevation: 226.78 ft (69.12 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 34 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	IT
0	Specific conductance	29	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	10	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	928	µg/L	IT
0	Chloride	2,530	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	114	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	505	µg/L	IT
0	Lead	3.9	µg/L	IT
0	Magnesium	334	µg/L	IT
2	Manganese	51	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,260	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,020	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,660	µg/L	IT
0	Sulfate	1,220	µg/L	IT
0	Total dissolved solids	43,000	µg/L	IT
0	Total organic carbon	1,780	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	34	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	1.1E-08 ± 2.0E-10	µCi/mL	IT
0	Tritium	6.7E-06 ± 7.0E-07	µCi/mL	IT

WELL FCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/21/91 — Time: 13:45
Depth to water: 76.95 ft (23.45 m) below TOC — pH: 5.4
Water elevation: 226.95 ft (69.18 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
0	Specific conductance	25	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	13	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,100	µg/L	IT
0	Chloride	1,900	µg/L	IT
0	Chloride	1,920	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	15	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	8.3	µg/L	IT
0	Lead	7.4	µg/L	IT
0	Magnesium	493	µg/L	IT
0	Manganese	16	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,200	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,230	µg/L	IT

WELL FCB 5 collected on 02/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silver	<2.5	µg/L	IT
0	Sodium	2,120	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	38,000	µg/L	IT
0	Total organic carbon	1,150	µg/L	IT
0	Total organic carbon	1,220	µg/L	IT
0	Total organic halogens	12	µg/L	IT
0	Total organic halogens	12	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	2.5E-09 ± 1.6E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.4E-09 ± 2.0E-10	µCi/mL	IT
0	Tritium	9.2E-06 ± 1.0E-06	µCi/mL	IT

WELL FCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91 — Time: 14:30
Depth to water: 83.22 ft (25.37 m) below TOC
Water elevation: 227.28 ft (69.28 m) msl
The well pumped dry before all field parameters were collected.

WELL FCB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91 — Time: 13:50
The well was dry.

WELL FET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91 — Time: 11:55
Depth to water: 47.74 ft (14.55 m) below TOC — pH: 5.4
Water elevation: 222.26 ft (67.75 m) msl — Alkalinity ($CaCO_3$): 6 mg/L
Sp. conductance: 71 µS/cm — Water temperature: 18.1°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	31	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	910	µg/L	GE
0	Chloride	3,580	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	87	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	490	µg/L	GE
1	Manganese	33	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,170	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	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	9,900	µg/L	GE
0	Sulfate	13,300	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.8E-06 ± 4.0E-07	µCi/mL	GE

WELL FET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91
Depth to water: 49.09 ft (14.96 m) below TOC
Water elevation: 220.91 ft (67.33 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 47 gal

Time: 14:00
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	5.1	pH	GE
0	pH	5.0	pH	IT
0	Specific conductance	21	µS/cm	GE
0	Specific conductance	21	µS/cm	GE
0	Specific conductance	38	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	9.8	µg/L	GE
0	Barium	8.9	µg/L	GE
0	Barium	8.5	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,000	µg/L	GE
0	Calcium	950	µg/L	GE
0	Calcium	929	µg/L	IT
0	Chloride	4,130	µg/L	GE
0	Chloride	5,580	µg/L	GE
0	Chloride	4,040	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	17	µg/L	GE
0	Iron	22	µg/L	GE
0	Iron	6.6	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	820	µg/L	GE
0	Magnesium	590	µg/L	GE
0	Magnesium	542	µg/L	IT
0	Manganese	7.9	µg/L	GE
0	Manganese	7.2	µg/L	GE
0	Manganese	7.2	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,900	µg/L	GE
0	Nitrate as nitrogen	1,940	µg/L	GE
0	Nitrate as nitrogen	1,910	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	7,200	µg/L	GE
0	Silica	6,900	µg/L	GE
0	Silica	6,600	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	4,900	µg/L	GE
0	Sodium	4,700	µg/L	GE
0	Sodium	4,220	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	20,000	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total dissolved solids	41,000	µg/L	IT
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	IT
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	IT
0	Total phosphates (as P)	<50	µg/L	GE

WELL FET 2D collected on 02/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Gross alpha	1.8E-08 ± 4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 3.5E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08 ± 3.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 2.0E-10	µCi/mL	IT
0	Tritium	6.7E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	7.4E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	6.0E-06 ± 6.0E-07	µCi/mL	IT

WELL FET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91
Depth to water: 49.09 ft (14.96 m) below TOC
Water elevation: 220.91 ft (67.33 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 47 gal

Time: 14:00
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	5.0	pH	IT
0	Specific conductance	19	µS/cm	GE
0	Specific conductance	38	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	8.9	µg/L	GE
0	Barium	8.4	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	950	µg/L	GE
0	Calcium	918	µg/L	IT
0	Chloride	4,170	µg/L	GE
0	Chloride	4,200	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	10	µg/L	GE
0	Iron	5.9	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	820	µg/L	GE
0	Magnesium	536	µg/L	IT
0	Manganese	7.2	µg/L	GE
0	Manganese	7.5	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,870	µg/L	GE
0	Nitrate as nitrogen	1,960	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	7,600	µg/L	GE
0	Silica	6,540	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	4,900	µg/L	GE
0	Sodium	4,150	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	24,000	µg/L	GE
0	Total dissolved solids	34,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE

ANALYTICAL RESULTS

WELL FET 2D collected on 02/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Gross alpha	1.3E-08±3.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.1E-09±2.6E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08±3.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.6E-09±2.0E-10	µCi/mL	IT
0	Tritium	7.5E-06±4.0E-07	µCi/mL	GE
0	Tritium	6.0E-06±6.0E-07	µCi/mL	IT

WELL FET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 Time: 14:40
Depth to water: 64.36 ft (19.62 m) below TOC pH: 5.1
Water elevation: 220.84 ft (67.31 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 57 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	24	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	490	µg/L	GE
0	Chloride	6,870	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	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	340	µg/L	GE
0	Manganese	6.9	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
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	9,500	µg/L	GE
0	Sulfate	8,230	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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	6.0E-06±4.0E-07	µCi/mL	GE

WELL FET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 Time: 15:30
Depth to water: 65.45 ft (19.95 m) below TOC pH: 4.7
Water elevation: 221.45 ft (67.50 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 54 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.6	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	810	µg/L	GE
0	Chloride	3,260	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	12	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	660	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	2,140	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE

WELL FET 4D collected on 02/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	7,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,800	µg/L	GE
0	Sulfate	1,840	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<5	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
1	Tritium	1.0E-05±5.0E-07	µCi/mL	GE

WELL FNB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91 Time: 14:25
Depth to water: 74.40 ft (22.68 m) below TOC pH: 4.6
Water elevation: 209.90 ft (63.98 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 83 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 86 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	IT
0	Specific conductance	72	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	20	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Beryllium	<0.50	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,550	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,960	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	8.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	47	µg/L	IT
0	Lead	6.8	µg/L	IT
0	Magnesium	1,350	µg/L	IT
0	Manganese	18	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	5.5	µg/L	IT
1	Nitrate as nitrogen	6,200	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,030	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	7,320	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	66,000	µg/L	IT
0	Total organic carbon	1,640	µg/L	IT
0	Total organic halogens	35	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	40	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Zinc	7.4	µg/L	IT
0	Gross alpha	4.0E-09±2.3E-09	µCi/mL	IT
0	Nonvolatile beta	<8.0E-09	µCi/mL	IT
0	Total activity	1.8E-04±2.8E-06	µCi/mL	EM

WELL FNB 1 collected on 02/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
1	Total radium	2.6E-09 ± 3.0E-10	µCi/mL	IT
2	Tritium	1.8E-04 ± 2.0E-05	µCi/mL	IT

WELL FNB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91 — Time: 14:55
Depth to water: 81.67 ft (24.89 m) below TOC — pH: 3.8
Water elevation: 208.13 ft (82.83 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 187 µS/cm — Water temperature: 20.4°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.9	pH	IT
0	Specific conductance	150	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	55	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
1	Beryllium	0.80	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,040	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,500	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	8.6	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	36	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	1,400	µg/L	IT
2	Manganese	188	µg/L	IT
0	Mercury	0.35	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	13	µg/L	IT
2	Nitrate as nitrogen	11,200	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	11,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	6,220	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	74,000	µg/L	IT
0	Total organic carbon	1,750	µg/L	IT
0	Total organic halogens	9.2	µg/L	IT
0	Total phosphates (as P)	41	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	7.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Zinc	14	µg/L	IT
2	Gross alpha	5.4E-08 ± 8.0E-09	µCi/mL	IT
2	Nonvolatile beta	2.9E-07 ± 3.0E-08	µCi/mL	IT
0	Total activity	1.5E-04 ± 2.7E-06	µCi/mL	EM
2	Total radium	8.1E-09 ± 9.0E-10	µCi/mL	IT
2	Tritium	1.5E-04 ± 2.0E-05	µCi/mL	IT

WELL FNB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91 — Time: 15:30
Depth to water: 75.74 ft (23.09 m) below TOC — pH: 4.3
Water elevation: 208.26 ft (63.48 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 113 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 89 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	IT
0	Specific conductance	85	µS/cm	IT
0	Specific conductance	96	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	35	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
1	Beryllium	0.90	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,420	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,810	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	4.1	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	39	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,930	µg/L	IT
2	Manganese	129	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	7.8	µg/L	IT
1	Nitrate as nitrogen	8,410	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	532	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,750	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	6,850	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	85,000	µg/L	IT
0	Total dissolved solids	83,000	µg/L	IT
0	Total organic carbon	1,510	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	18	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Zinc	34	µg/L	IT
1	Gross alpha	1.1E-08 ± 4.0E-09	µCi/mL	IT
2	Nonvolatile beta	5.4E-08 ± 8.0E-09	µCi/mL	IT
1	Total radium	4.2E-09 ± 7.0E-10	µCi/mL	IT
2	Tritium	5.8E-05 ± 6.0E-06	µCi/mL	IT

ANALYTICAL RESULTS

WELL FNB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91
Depth to water: 79.28 ft (24.16 m) below TOC
Water elevation: 212.22 ft (64.69 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 86 gal

Time: 13:40
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	pH	4.8	pH	GE
0	pH	5.0	pH	IT
0	Specific conductance	18	µS/cm	GE
0	Specific conductance	18	µS/cm	GE
0	Specific conductance	30	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	7.3	µg/L	GE
0	Barium	6.7	µg/L	GE
0	Barium	6.8	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	570	µg/L	GE
0	Calcium	510	µg/L	GE
0	Calcium	575	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,800	µg/L	GE
0	Chloride	2,910	µg/L	GE
0	Chloride	2,680	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE

WELL FNB 4 collected on 02/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	20	µg/L	GE
0	Iron	14	µg/L	GE
0	Iron	11	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	720	µg/L	GE
0	Magnesium	680	µg/L	GE
0	Magnesium	644	µg/L	IT
0	Manganese	8.6	µg/L	GE
0	Manganese	8.0	µg/L	GE
0	Manganese	8.8	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,630	µg/L	GE
0	Nitrate as nitrogen	1,680	µg/L	GE
0	Nitrate as nitrogen	1,450	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	6,800	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silica	6,260	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,200	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sodium	1,920	µg/L	IT
0	Sulfate	7,970	µg/L	GE
0	Sulfate	8,450	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	21,000	µg/L	GE
0	Total dissolved solids	22,000	µg/L	GE
0	Total dissolved solids	57,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,550	µg/L	IT
0	Total organic halogens	14	µg/L	GE
0	Total organic halogens	16	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
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	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE

WELL FNB 4 collected on 02/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<75	µg/L	IT
0	Zinc	16	µg/L	GE
0	Zinc	6.6	µg/L	GE
0	Zinc	4.1	µg/L	IT
0	Gross alpha	3.5E-09±2.4E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	3.2E-09±2.1E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09±3.5E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.1E-09±3.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.8E-09±4.0E-10	µCi/mL	IT
0	Tritium	6.7E-06±4.0E-07	µCi/mL	GE
0	Tritium	7.0E-06±4.0E-07	µCi/mL	GE
0	Tritium	5.8E-06±6.0E-07	µCi/mL	IT

WELL FNB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91 Time: 13:40
Depth to water: 79.28 ft (24.16 m) below TOC pH: 4.6
Water elevation: 212.22 ft (64.69 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 36 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 86 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	pH	5.0	pH	IT
0	Specific conductance	18	µS/cm	GE
0	Specific conductance	30	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	7.2	µg/L	GE
0	Barium	6.9	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	550	µg/L	GE
0	Calcium	599	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,930	µg/L	GE
0	Chloride	2,840	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT

WELL FNB 4 collected on 02/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	16	µg/L	GE
0	Iron	17	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	700	µg/L	GE
0	Magnesium	659	µg/L	IT
0	Manganese	8.4	µg/L	GE
0	Manganese	8.7	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,820	µg/L	GE
0	Nitrate as nitrogen	1,380	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,800	µg/L	GE
0	Silica	8,370	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,200	µg/L	GE
0	Sodium	1,960	µg/L	IT
0	Sulfate	146,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	12,000	µg/L	GE
0	Total dissolved solids	41,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,470	µg/L	IT
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<75	µg/L	IT
0	Zinc	6.6	µg/L	GE
0	Zinc	6.0	µg/L	IT
0	Gross alpha	4.4E-09±2.6E-09	µCi/mL	GE
0	Gross alpha	3.0E-09±2.1E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	2.3E-09±5.0E-10	µCi/mL	IT
0	Tritium	8.9E-06±4.0E-07	µCi/mL	GE
0	Tritium	5.0E-06±5.0E-07	µCi/mL	IT

WELL FSB 1TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 Time: 12:40
Depth to water: Not available pH: 5.3
Water elevation: Not available Alkalinity ($CaCO_3$): 7 mg/L
Sp. conductance: 44 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 900 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	pH	5.4	pH	IT
0	Specific conductance	38	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	14	µg/L	IT
2	Benzene	B 6.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT

ANALYTICAL RESULTS

WELL FSB 1TA collected on 03/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,030	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,550	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	2.1	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	390	µg/L	IT
0	Lead	9.7	µg/L	IT
0	Magnesium	363	µg/L	IT
0	Manganese	10	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	9.6	µg/L	IT
0	Potassium	641	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	10,700	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	965	µg/L	IT
0	Sulfate	9,510	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	BJ 2.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	40,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	55	µg/L	IT
0	Total phosphates (as P)	54	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	1.6E-09 ± 1.1E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	2.3E-06 ± 9.8E-06	µCi/mL	EM
0	Total radium	2.0E-09 ± 5.0E-10	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL FSB 76

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91
Depth to water: 79.11 ft (24.11 m) below TOC
Water elevation: 215.09 ft (65.56 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 48 gal

Time: 12:45
pH: 4.5
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 15.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	IT
0	Specific conductance	66	µS/cm	IT
1	Aluminum	115	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	9.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	874	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,130	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT

WELL FSB 76 collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	113	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	13	µg/L	IT
1	Lead	26	µg/L	IT
0	Magnesium	1,380	µg/L	IT
0	Manganese	5.8	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	2.9	µg/L	IT
1	Nitrate as nitrogen	5,450	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,030	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	6,450	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	56,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	333	µg/L	IT
1	Total phosphates (as P)	269	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	132	µg/L	IT
2	Americium-241	1.2E-08 ± 2.0E-09	µCi/mL	IT
0	Antimony-125	<3.9E-08	µCi/mL	IT
0	Antimony-125	<3.9E-08	µCi/mL	IT
0	Cerium-141	<8.2E-09	µCi/mL	IT
0	Cerium-141	<7.7E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cesium-134	<3.1E-08	µCi/mL	IT
0	Cesium-134	<3.0E-08	µCi/mL	IT
0	Cesium-137	<5.3E-09	µCi/mL	IT
0	Cesium-137	<5.7E-09	µCi/mL	IT
0	Cobalt-58	<5.5E-09	µCi/mL	IT
0	Cobalt-58	<4.6E-09	µCi/mL	IT
0	Cobalt-60	<7.6E-09	µCi/mL	IT
0	Cobalt-60	<8.0E-09	µCi/mL	IT
2	Gross alpha	2.0E-08 ± 4.0E-09	µCi/mL	IT
0	Manganese-54	<5.2E-09	µCi/mL	IT
0	Manganese-54	<5.9E-09	µCi/mL	IT
0	Niobium-95	<5.9E-09	µCi/mL	IT
0	Niobium-95	<5.9E-09	µCi/mL	IT
0	Nonvolatile beta	1.7E-08 ± 4.0E-09	µCi/mL	IT
2	Radium-226	4.8E-09 ± 8.0E-10	µCi/mL	IT
0	Radium-226	<2.2E-08	µCi/mL	IT
0	Radium-226	<2.0E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<9.9E-08	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<5.1E-09	µCi/mL	IT
0	Ruthenium-103	<5.8E-09	µCi/mL	IT
0	Ruthenium-106	<5.3E-08	µCi/mL	IT
0	Ruthenium-106	<4.1E-08	µCi/mL	IT
0	Sodium-22	<7.2E-09	µCi/mL	IT
0	Sodium-22	<8.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.3E-09	µCi/mL	IT
0	Thorium-232	<9.5E-09	µCi/mL	IT
0	Total activity	5.5E-04 ± 5.2E-06	µCi/mL	EM
2	Tritium	4.9E-04 ± 5.0E-05	µCi/mL	IT
0	Uranium-234	5.5E-09 ± 1.0E-09	µCi/mL	IT
0	Uranium-235	3.0E-09 ± 7.0E-10	µCi/mL	IT
0	Uranium-235	<3.8E-08	µCi/mL	IT
0	Uranium-235	<3.7E-08	µCi/mL	IT
0	Uranium-238	2.7E-09 ± 7.0E-10	µCi/mL	IT
0	Uranium-238	<1.3E-07	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.2E-08	µCi/mL	IT
0	Zirconium-95	<1.2E-08	µCi/mL	IT

WELL FSB 76A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 — Time: 13:35
Depth to water: 138.95 ft (42.35 m) below TOC — pH: 6.7
Water elevation: 154.95 ft (47.23 m) msl — Alkalinity ($CaCO_3$): 36 mg/L
Sp. conductance: 119 µS/cm — Water temperature: 14.6°C
Water evacuated before sampling: 310 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	IT
0	Specific conductance	109	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	28	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	18,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,880	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	17	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	555	µg/L	IT
0	Manganese	2.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,740	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	23,900	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,880	µg/L	IT
0	Sulfate	8,770	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	89,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	304	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	J 2.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	8.9	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.1E-08	µCi/mL	IT
0	Cerium-141	<8.1E-09	µCi/mL	IT
0	Cerium-144	<2.7E-07	µCi/mL	IT
0	Cesium-134	<3.0E-08	µCi/mL	IT
0	Cesium-137	<5.7E-09	µCi/mL	IT
0	Cobalt-58	<5.7E-09	µCi/mL	IT
0	Cobalt-60	<6.5E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<6.0E-09	µCi/mL	IT
0	Niobium-95	<5.3E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-08	µCi/mL	IT
0	Radium-226	<2.0E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<5.2E-09	µCi/mL	IT
0	Ruthenium-106	<5.2E-08	µCi/mL	IT

WELL FSB 76A collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium-22	<8.5E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.3E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	9.4E-09±2.3E-09	µCi/mL	IT
0	Uranium-235	3.7E-09±1.4E-09	µCi/mL	IT
0	Uranium-235	<3.7E-08	µCi/mL	IT
0	Uranium-238	6.4E-09±1.9E-09	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 — Time: 14:25
Depth to water: 142.52 ft (43.44 m) below TOC — pH: 6.9
Water elevation: 151.28 ft (46.11 m) msl — Alkalinity ($CaCO_3$): 50 mg/L
Sp. conductance: 128 µS/cm — Water temperature: 15.5°C
Water evacuated before sampling: 137 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	pH	6.9	pH	IT
0	Specific conductance	111	µS/cm	GE
0	Specific conductance	128	µS/cm	IT
0	Specific conductance	128	µS/cm	IT
0	Aluminum	<20	µg/L	GE
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	18	µg/L	GE
0	Barium	20	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
1	Calcium	23,000	µg/L	GE
1	Calcium	21,400	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,300	µg/L	GE
0	Chloride	2,240	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	5.9	µg/L	GE
0	Copper	5.2	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT

WELL FSB 76B collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	130	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	<4.0	µg/L	GE
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	670	µg/L	GE
0	Magnesium	602	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	430	µg/L	GE
0	Nitrate as nitrogen	410	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	640	µg/L	GE
0	Potassium	677	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
1	Silica	20,000	µg/L	GE
0	Silica	17,100	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,700	µg/L	GE
0	Sodium	1,490	µg/L	IT
0	Sulfate	3,020	µg/L	GE
0	Sulfate	3,150	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<3.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	111,000	µg/L	GE
0	Total dissolved solids	75,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	10	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	300	µg/L	GE
1	Total phosphates (as P)	267	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<75	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<1.0	µg/L	IT
0	Zinc	5.6	µg/L	GE
0	Zinc	7.7	µg/L	IT
1	Americium-241	3.0E-09 ± 6.0E-10	µCi/mL	IT
0	Antimony-125	<2.6E-08	µCi/mL	IT
0	Cerium-141	<5.0E-09	µCi/mL	IT
0	Cerium-144	<1.7E-07	µCi/mL	IT
0	Cesium-134	<1.9E-08	µCi/mL	IT
0	Cesium-137	<3.2E-09	µCi/mL	IT
0	Cobalt-58	<3.2E-09	µCi/mL	IT
0	Cobalt-60	<4.3E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<3.3E-09	µCi/mL	IT
0	Niobium-95	<3.6E-09	µCi/mL	IT
0	Nonvolatile beta	2.3E-09 ± 2.5E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.2E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<6.0E-08	µCi/mL	IT
0	Ruthenium-103	<3.3E-09	µCi/mL	IT
0	Ruthenium-106	<3.1E-08	µCi/mL	IT
0	Sodium-22	<4.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<5.8E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL FSB 76B collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.3E-08	µCi/mL	IT
0	Uranium-238	1.0E-09 ± 3.0E-10	µCi/mL	IT
0	Uranium-238	<7.4E-08	µCi/mL	IT
0	Zinc-65	<8.1E-09	µCi/mL	IT
0	Zirconium-95	<8.0E-09	µCi/mL	IT

WELL FSB 76B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91
Depth to water: 142.52 ft (43.44 m) below TOC
Water elevation: 151.28 ft (46.11 m) msl
Sp. conductance: 128 µS/cm
Water evacuated before sampling: 137 gal

Time: 14:25
pH: 6.9
Alkalinity ($CaCO_3$): 50 mg/L
Water temperature: 15.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	GE
0	pH	7.5	pH	IT
0	Specific conductance	130	µS/cm	GE
0	Specific conductance	145	µS/cm	IT
0	Aluminum	<20	µg/L	GE
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	15	µg/L	GE
0	Barium	27	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
1	Calcium	19,000	µg/L	GE
1	Calcium	23,400	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,330	µg/L	GE
0	Chloride	2,160	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	11	µg/L	GE
0	Copper	6.0	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	120	µg/L	GE

WELL FSB 76B collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Fluoride	<250	µg/L	IT
0	Iron	12	µg/L	GE
0	Iron	5.0	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	570	µg/L	GE
0	Magnesium	630	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	490	µg/L	GE
0	Nitrate as nitrogen	510	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	620	µg/L	GE
0	Potassium	727	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	18,000	µg/L	GE
0	Silica	18,000	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,500	µg/L	GE
0	Sodium	1,600	µg/L	IT
0	Sulfate	2,910	µg/L	GE
0	Sulfate	2,830	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	104,000	µg/L	GE
0	Total dissolved solids	88,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
2	Total organic halogens	8,080	µg/L	GE
0	Total organic halogens	5.8	µg/L	IT
0	Total organic halogens	6.8	µg/L	IT
1	Total phosphates (as P)	320	µg/L	GE
1	Total phosphates (as P)	376	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<75	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<1.0	µg/L	IT
0	Zinc	7.2	µg/L	GE
0	Zinc	12	µg/L	IT
1	Americium-241	3.1E-09 ± 7.0E-10	µCi/mL	IT
0	Antimony-125	<4.7E-08	µCi/mL	IT
0	Cerium-141	<8.3E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cesium-134	<3.1E-08	µCi/mL	IT
0	Cesium-137	<5.3E-09	µCi/mL	IT
0	Cobalt-58	<5.2E-09	µCi/mL	IT
0	Cobalt-60	<7.0E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Manganese-54	<5.3E-09	µCi/mL	IT
0	Niobium-95	<6.5E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<5.3E-09	µCi/mL	IT
0	Ruthenium-106	<4.8E-08	µCi/mL	IT
0	Sodium-22	<8.2E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.8E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	1.3E-09 ± 4.0E-10	µCi/mL	IT
0	Uranium-235	<3.7E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT

WELL FSB 76B collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT

WELL FSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91
Depth to water: 82.46 ft (25.13 m) below TOC
Water elevation: 211.14 ft (64.36 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 148 gal

Time: 16:10
pH: 6.2
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 15.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	IT
0	Specific conductance	54	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	14	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	8,280	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,380	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	9.3	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	8.7	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	333	µg/L	IT
0	Manganese	3.5	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	880	µg/L	IT
0	Nitrate as nitrogen	860	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	882	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,170	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,220	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
1	Tetrachloroethylene	J 3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	35,000	µg/L	IT
0	Total dissolved solids	33,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	45	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	16	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	1.0	µg/L	IT
0	Zinc	115	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<3.0E-08	µCi/mL	IT
0	Cerium-141	<8.4E-09	µCi/mL	IT
0	Cerium-144	<2.1E-07	µCi/mL	IT
0	Cesium-134	<2.2E-08	µCi/mL	IT
0	Cesium-137	<4.2E-09	µCi/mL	IT
0	Cobalt-58	<4.6E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL FSB 76C collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cobalt-60	<5.9E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<4.6E-09	µCi/mL	IT
0	Niobium-95	<4.3E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.8E-08	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-228	<7.8E-08	µCi/mL	IT
0	Ruthenium-103	<3.8E-09	µCi/mL	IT
0	Ruthenium-106	<3.8E-08	µCi/mL	IT
0	Sodium-22	<5.5E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<6.9E-09	µCi/mL	IT
0	Tritium	2.8E-06±3.0E-07	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.9E-08	µCi/mL	IT
0	Uranium-238	1.0E-09±3.0E-10	µCi/mL	IT
0	Uranium-238	<9.4E-08	µCi/mL	IT
0	Zinc-65	<1.0E-08	µCi/mL	IT
0	Zirconium-95	<1.0E-08	µCi/mL	IT

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91
Depth to water: 62.16 ft (18.95 m) below TOC
Water elevation: 211.14 ft (64.36 m) msl
Sp. conductance: 1385 µS/cm
Water evacuated before sampling: 81 gal
Time: 11:55
pH: 3.4
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.5	pH	IT
2	Specific conductance	1,470	µS/cm	IT
2	Aluminum	70,100	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	3.4	µg/L	IT
0	Barium	261	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
1	Cadmium	8.8	µg/L	IT
0	Calcium	4,660	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,550	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	14	µg/L	IT
0	Copper	57	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	61	µg/L	IT
0	Lead	13	µg/L	IT
0	Lead	12	µg/L	IT
0	Magnesium	3,260	µg/L	IT
2	Manganese	1,060	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	31	µg/L	IT
2	Nitrate as nitrogen	148,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,430	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	24,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	74,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT

WELL FSB 77 collected on 01/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	640,000	µg/L	IT
0	Total organic carbon	1,360	µg/L	IT
0	Total organic carbon	1,310	µg/L	IT
0	Total organic halogens	5.7	µg/L	IT
0	Total phosphates (as P)	76	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	1,360	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	74	µg/L	IT
2	Gross alpha	8.0E-07±8.0E-08	µCi/mL	IT
2	Gross alpha	8.5E-07±9.0E-08	µCi/mL	IT
2	Nonvolatile beta	1.9E-06±2.0E-07	µCi/mL	IT
2	Nonvolatile beta	1.9E-06±2.0E-07	µCi/mL	IT
0	Total activity	1.3E-02±7.5E-05	µCi/mL	EM
2	Total radium	7.9E-08±8.0E-09	µCi/mL	IT
2	Tritium	1.4E-02±2.0E-03	µCi/mL	IT

WELL FSB 77

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91
Depth to water: 62.21 ft (18.96 m) below TOC
Water elevation: 211.09 ft (64.34 m) msl
Sp. conductance: 1345 µS/cm
Water evacuated before sampling: 65 gal
Time: 16:10
pH: 3.3
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.0°C

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/07/91
Depth to water: 64.42 ft (19.64 m) below TOC
Water elevation: 208.18 ft (63.45 m) msl
Sp. conductance: 2120 µS/cm
Water evacuated before sampling: 54 gal
Time: 12:25
pH: 3.2
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.2	pH	IT
2	Specific conductance	2,210	µS/cm	IT
2	Aluminum	36,400	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	166	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
2	Cadmium	10	µg/L	IT
0	Calcium	2,420	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	890	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	5.6	µg/L	IT
0	Cobalt	16	µg/L	IT
0	Copper	35	µg/L	IT
1	Cyanide	17	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.2	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	83	µg/L	IT
0	Lead	2.9	µg/L	IT
0	Magnesium	855	µg/L	IT
2	Manganese	518	µg/L	IT
0	Mercury	0.38	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	21	µg/L	IT
2	Nitrate as nitrogen	174,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT

WELL FSB 78 collected on 01/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Potassium	2,430	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	125,000	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	302,000	µg/L	IT
0	Sulfate	29,200	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	1.5E+06	µg/L	IT
0	Total organic carbon	3,460	µg/L	IT
0	Total organic carbon	3,360	µg/L	IT
0	Total organic halogens	5.5	µg/L	IT
1	Total phosphates (as P)	343	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	2,170	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	68	µg/L	IT
2	Americium-241	2.6E-08±3.0E-09	µCi/mL	IT
0	Antimony-125	<4.5E-08	µCi/mL	IT
0	Cerium-141	<9.1E-09	µCi/mL	IT
0	Cerium-144	<2.4E-07	µCi/mL	IT
0	Cesium-134	<3.5E-08	µCi/mL	IT
1	Cesium-137	1.4E-07±2.0E-08	µCi/mL	IT
0	Cobalt-58	<6.4E-09	µCi/mL	IT
0	Cobalt-60	<8.5E-09	µCi/mL	IT
2	Gross alpha	4.2E-07±5.0E-08	µCi/mL	IT
0	Manganese-54	<5.3E-09	µCi/mL	IT
0	Niobium-95	<4.9E-09	µCi/mL	IT
2	Nonvolatile beta	3.1E-06±4.0E-07	µCi/mL	IT
2	Radium-226	1.7E-08±2.0E-09	µCi/mL	IT
0	Radium-226	<2.5E-08	µCi/mL	IT
2	Radium-228	1.7E-07±2.0E-08	µCi/mL	IT
2	Radium-228	3.7E-08±5.0E-09	µCi/mL	IT
0	Ruthenium-103	<6.2E-09	µCi/mL	IT
0	Ruthenium-106	<6.3E-08	µCi/mL	IT
0	Sodium-22	<7.1E-09	µCi/mL	IT
2	Strontium-89	3.0E-08±3.0E-09	µCi/mL	IT
2	Strontium-90	4.4E-07±5.0E-08	µCi/mL	IT
1	Thorium-232	7.9E-09±3.2E-09	µCi/mL	IT
0	Total activity	1.7E-02±8.7E-05	µCi/mL	EM
2	Tritium	1.6E-02±2.0E-03	µCi/mL	IT
0	Uranium-234	2.8E-09±8.0E-10	µCi/mL	IT
0	Uranium-235	<4.5E-08	µCi/mL	IT
0	Uranium-235	1.8E-09±6.0E-10	µCi/mL	IT
2	Uranium-238	3.8E-07±4.0E-08	µCi/mL	IT
0	Uranium-238	1.8E-09±6.0E-10	µCi/mL	IT
0	Zinc-65	<1.6E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT

WELL FSB 78

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91
Depth to water: 64.20 ft (19.57 m) below TOC
Water elevation: 208.40 ft (63.52 m) msl
Sp. conductance: 1869 µS/cm
Water evacuated before sampling: 54 gal

Time: 12:30
pH: 3.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.4°C

WELL FSB 78A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/07/91
Depth to water: 117.19 ft (35.72 m) below TOC
Water elevation: 155.41 ft (47.37 m) msl
Sp. conductance: 114 µS/cm
Water evacuated before sampling: 337 gal

Time: 12:50
pH: 6.4
Alkalinity ($CaCO_3$): 29 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	IT
0	Specific conductance	106	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	21	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	16,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT

WELL FSB 78A collected on 01/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloride	2,310	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<2.0	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	585	µg/L	IT
0	Manganese	3.9	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,040	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	21,700	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,630	µg/L	IT
0	Sulfate	7,400	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	101,000	µg/L	IT
0	Total organic carbon	1,530	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	206	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.050	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	3.8	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.5E-08	µCi/mL	IT
0	Cerium-141	<8.5E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cesium-134	<3.1E-08	µCi/mL	IT
0	Cesium-137	<5.6E-09	µCi/mL	IT
0	Cobalt-58	<5.4E-09	µCi/mL	IT
0	Cobalt-60	<8.1E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<5.8E-09	µCi/mL	IT
0	Niobium-95	<6.5E-09	µCi/mL	IT
0	Nonvolatile beta	5.1E-09±3.3E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
2	Radium-226	1.9E-08±2.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<9.7E-08	µCi/mL	IT
0	Ruthenium-103	<5.5E-09	µCi/mL	IT
0	Ruthenium-106	<5.4E-08	µCi/mL	IT
0	Sodium-22	<8.6E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	1.2E-09±2.0E-10	µCi/mL	IT
0	Thorium-232	4.6E-09±2.3E-09	µCi/mL	IT
0	Tritium	9.9E-06±1.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<4.0E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.3E-07	µCi/mL	IT
0	Zinc-65	<1.6E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

ANALYTICAL RESULTS

WELL FSB 78B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/07/91 — Time: 14:00
Depth to water: 118.93 ft (36.25 m) below TOC — pH: 7.3
Water elevation: 153.87 ft (46.90 m) msl — Alkalinity ($CaCO_3$): 83 mg/L
Sp. conductance: 236 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 188 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	IT
0	Specific conductance	219	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	42	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	36,000	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,150	µg/L	IT
0	Chloride	2,170	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.2	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	77	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	719	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
1	Nitrate as nitrogen	8,390	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	844	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	15,700	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,980	µg/L	IT
0	Sulfate	1,110	µg/L	IT
0	Sulfate	1,130	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	178,000	µg/L	IT
0	Total dissolved solids	176,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	65	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	1,1,1-Trichloroethane	J 2.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	2.4	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<2.9E-08	µCi/mL	IT
0	Cerium-141	<5.2E-09	µCi/mL	IT
0	Cerium-144	<1.7E-07	µCi/mL	IT
0	Cesium-134	<1.9E-08	µCi/mL	IT
0	Cesium-137	<3.4E-09	µCi/mL	IT
0	Cobalt-58	<3.9E-09	µCi/mL	IT
0	Cobalt-60	<4.9E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<3.6E-09	µCi/mL	IT
0	Niobium-95	<3.9E-09	µCi/mL	IT
0	Nonvolatile beta	7.9E-09 ± 3.2E-09	µCi/mL	IT
0	Radium-226	1.4E-09 ± 4.0E-10	µCi/mL	IT
2	Radium-226	8.2E-09 ± 1.2E-09	µCi/mL	IT

WELL FSB 78B collected on 01/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Radium-228	<2.0E-09	µCi/mL	IT
0	Radium-228	<6.5E-08	µCi/mL	IT
0	Ruthenium-103	<3.4E-09	µCi/mL	IT
0	Ruthenium-106	<3.0E-08	µCi/mL	IT
0	Sodium-22	<4.6E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	4.8E-09 ± 1.3E-09	µCi/mL	IT
0	Total activity	2.8E-04 ± 3.5E-06	µCi/mL	EM
2	Tritium	2.5E-04 ± 3.0E-05	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.5E-08	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
2	Uranium-238	1.0E-07 ± 1.0E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Zinc-65	<8.3E-09	µCi/mL	IT
0	Zirconium-95	<9.2E-09	µCi/mL	IT

WELL FSB 78C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 — Time: 9:45
Depth to water: 66.37 ft (20.23 m) below TOC — pH: 4.3
Water elevation: 207.13 ft (63.13 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 1814 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 23 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	IT
2	Specific conductance	1,870	µS/cm	IT
2	Aluminum	11,700	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	441	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
2	Cadmium	16	µg/L	IT
2	Calcium	137,000	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,750	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
2	Cobalt	235	µg/L	IT
0	Copper	86	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	122	µg/L	IT
0	Lead	8.1	µg/L	IT
2	Magnesium	25,600	µg/L	IT
2	Manganese	5,850	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
1	Nickel	98	µg/L	IT
2	Nitrate as nitrogen	166,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,030	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	12,900	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	99,300	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	1.5E+06	µg/L	IT
0	Total organic carbon	2,290	µg/L	IT
0	Total organic halogens	10	µg/L	IT
0	Total phosphates (as P)	120	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	0.040	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT

WELL FSB 78C collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	563	µg/L	IT
0	Americium-241	1.4E-09 ± 1.1E-09	µCi/mL	IT
0	Antimony-125	<4.8E-08	µCi/mL	IT
0	Cerium-141	<8.8E-09	µCi/mL	IT
0	Cerium-144	<3.1E-07	µCi/mL	IT
0	Cesium-134	<3.4E-08	µCi/mL	IT
0	Cesium-137	<6.2E-09	µCi/mL	IT
0	Cobalt-58	<8.8E-09	µCi/mL	IT
0	Cobalt-60	<8.4E-09	µCi/mL	IT
2	Gross alpha	6.3E-08 ± 8.0E-09	µCi/mL	IT
0	Manganese-54	<6.2E-09	µCi/mL	IT
0	Niobium-95	<6.9E-09	µCi/mL	IT
2	Nonvolatile beta	1.6E-08 ± 2.0E-07	µCi/mL	IT
2	Radium-226	3.6E-08 ± 4.0E-09	µCi/mL	IT
0	Radium-226	<2.2E-08	µCi/mL	IT
2	Radium-228	1.3E-07 ± 2.0E-08	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<5.3E-09	µCi/mL	IT
0	Ruthenium-106	<5.3E-08	µCi/mL	IT
0	Sodium-22	<8.1E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
2	Strontium-90	5.4E-07 ± 6.0E-08	µCi/mL	IT
0	Thorium-232	<1.0E-08	µCi/mL	IT
0	Total activity	9.0E-03 ± 6.6E-05	µCi/mL	EM
2	Tritium	8.0E-03 ± 8.0E-04	µCi/mL	IT
1	Uranium-234	2.1E-08 ± 3.0E-09	µCi/mL	IT
0	Uranium-235	1.3E-09 ± 3.0E-10	µCi/mL	IT
0	Uranium-235	<4.2E-08	µCi/mL	IT
1	Uranium-238	2.3E-08 ± 3.0E-09	µCi/mL	IT
0	Uranium-238	<1.3E-07	µCi/mL	IT
0	Zinc-65	<1.5E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/07/91
Depth to water: 15.54 ft (4.74 m) below TOC
Water elevation: 202.28 ft (61.65 m) msl
Sp. conductance: 1858 µS/cm
Water evacuated before sampling: 74 gal
Time: 16:25
pH: 3.3
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.3	pH	IT
2	Specific conductance	2,000	µS/cm	IT
2	Aluminum	120,000	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	424	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	3.4	µg/L	IT
0	Calcium	2,490	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	620	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	6.3	µg/L	IT
2	Cobalt	174	µg/L	IT
0	Copper	69	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.2	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	147	µg/L	IT
0	Lead	2.6	µg/L	IT
0	Magnesium	1,350	µg/L	IT
2	Manganese	3,310	µg/L	IT
0	Mercury	0.64	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	43	µg/L	IT
2	Nitrate as nitrogen	173,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT

WELL FSB 79 collected on 01/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Potassium	1,670	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	79,600	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	55,400	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	747,000	µg/L	IT
0	Total organic carbon	1,660	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	236	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	1,450	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	119	µg/L	IT
2	Americium-241	5.6E-08 ± 8.0E-09	µCi/mL	IT
0	Antimony-125	<4.4E-08	µCi/mL	IT
0	Cerium-141	<9.2E-09	µCi/mL	IT
0	Cerium-144	<3.4E-07	µCi/mL	IT
0	Cesium-134	<3.4E-08	µCi/mL	IT
0	Cesium-137	<6.2E-09	µCi/mL	IT
0	Cobalt-58	<6.5E-09	µCi/mL	IT
0	Cobalt-60	8.6E-09 ± 1.2E-09	µCi/mL	IT
2	Gross alpha	4.9E-07 ± 5.0E-08	µCi/mL	IT
0	Manganese-54	<5.9E-09	µCi/mL	IT
0	Niobium-95	<6.8E-09	µCi/mL	IT
2	Nonvolatile beta	1.2E-06 ± 2.0E-07	µCi/mL	IT
2	Radium-226	3.6E-08 ± 4.0E-09	µCi/mL	IT
2	Radium-226	2.5E-08 ± 3.0E-09	µCi/mL	IT
2	Radium-228	6.1E-08 ± 7.0E-09	µCi/mL	IT
2	Radium-228	3.9E-08 ± 4.0E-09	µCi/mL	IT
0	Ruthenium-103	<5.3E-09	µCi/mL	IT
0	Ruthenium-106	<5.5E-08	µCi/mL	IT
0	Sodium-22	<7.9E-09	µCi/mL	IT
2	Strontium-89	2.7E-08 ± 3.0E-09	µCi/mL	IT
2	Strontium-90	3.1E-07 ± 4.0E-08	µCi/mL	IT
0	Thorium-232	<1.1E-08	µCi/mL	IT
0	Total activity	2.3E-02 ± 1.0E-04	µCi/mL	EM
2	Tritium	2.1E-02 ± 3.0E-03	µCi/mL	IT
2	Uranium-234	2.6E-07 ± 3.0E-08	µCi/mL	IT
0	Uranium-235	<4.2E-08	µCi/mL	IT
1	Uranium-235	1.4E-08 ± 3.0E-09	µCi/mL	IT
0	Uranium-238	<1.6E-07	µCi/mL	IT
2	Uranium-238	3.2E-07 ± 4.0E-08	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL FSB 79

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91
Depth to water: 14.52 ft (4.43 m) below TOC
Water elevation: 203.28 ft (61.96 m) msl
Sp. conductance: 1563 µS/cm
Water evacuated before sampling: 87 gal
Time: 14:00
pH: 3.1
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.8°C

WELL FSB 79A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/07/91
Depth to water: 60.87 ft (18.55 m) below TOC
Water elevation: 157.23 ft (47.92 m) msl
Sp. conductance: 84 µS/cm
Water evacuated before sampling: 350 gal
Time: 18:45
pH: 6.4
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	IT
0	Specific conductance	77	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	15	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	11,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,300	µg/L	IT

ANALYTICAL RESULTS

WELL FSB 79A collected on 01/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<2.0	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	471	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	250	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	809	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	14,900	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,480	µg/L	IT
0	Sulfate	3,620	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	70,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	185	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.050	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	3.5	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.0E-08	µCi/mL	IT
0	Cerium-141	<7.8E-09	µCi/mL	IT
0	Cerium-144	<2.7E-07	µCi/mL	IT
0	Cesium-134	<3.0E-08	µCi/mL	IT
0	Cesium-137	<5.9E-09	µCi/mL	IT
0	Cobalt-58	<5.9E-09	µCi/mL	IT
0	Cobalt-60	<7.8E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<5.4E-09	µCi/mL	IT
0	Niobium-95	<5.4E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
2	Radium-226	1.7E-08 ± 2.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<5.2E-09	µCi/mL	IT
0	Ruthenium-106	<5.4E-08	µCi/mL	IT
0	Sodium-22	<7.1E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
1	Thorium-232	6.7E-09 ± 2.3E-09	µCi/mL	IT
0	Tritium	5.8E-06 ± 8.0E-07	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.5E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.1E-07	µCi/mL	IT
0	Zinc-65	<1.5E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL FSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/07/91 Time: 16:55
Depth to water: 60.76 ft (18.52 m) below TOC pH: 7.0
Water elevation: 157.44 ft (47.99 m) msl Alkalinity ($CaCO_3$): 55 mg/L
Sp. conductance: 162 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 201 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	IT
0	Specific conductance	158	µS/cm	IT
0	Aluminum	12	µg/L	IT
0	Aluminum	12	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	26	µg/L	IT
0	Barium	25	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	25,800	µg/L	IT
1	Calcium	25,400	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,160	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	3.0	µg/L	IT
0	Chromium	3.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<2.0	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	509	µg/L	IT
0	Magnesium	508	µg/L	IT
0	Manganese	1.2	µg/L	IT
0	Manganese	1.1	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,600	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	583	µg/L	IT
0	Potassium	527	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	20,700	µg/L	IT
1	Silica	20,700	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,590	µg/L	IT
0	Sodium	1,580	µg/L	IT
0	Sulfate	2,370	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	143,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	382	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.050	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	8.1	µg/L	IT

WELL FSB 79B collected on 01/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Zinc	6.1	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<3.7E-08	µCi/mL	IT
0	Cerium-141	<8.2E-09	µCi/mL	IT
0	Cerium-144	<2.7E-07	µCi/mL	IT
0	Cesium-134	<2.9E-08	µCi/mL	IT
0	Cesium-137	<5.2E-09	µCi/mL	IT
0	Cobalt-58	<5.7E-09	µCi/mL	IT
0	Cobalt-60	<8.2E-09	µCi/mL	IT
0	Gross alpha	3.2E-09±1.6E-09	µCi/mL	IT
0	Manganese-54	<5.2E-09	µCi/mL	IT
0	Niobium-95	<8.2E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
2	Radium-226	7.5E-09±2.4E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<9.8E-08	µCi/mL	IT
0	Ruthenium-103	<4.9E-09	µCi/mL	IT
0	Ruthenium-106	<4.9E-08	µCi/mL	IT
0	Sodium-22	<6.8E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.2E-09	µCi/mL	IT
1	Tritium	1.4E-05±2.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.9E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.6E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/07/91
Depth to water: 21.65 ft (6.60 m) below TOC
Water elevation: 196.75 ft (59.97 m) msl
Sp. conductance: 1273 µS/cm
Water evacuated before sampling: 123 gal

Time: 17:30
pH: 3.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.6	pH	IT
2	Specific conductance	1,330	µS/cm	IT
2	Aluminum	42,200	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
1	Barium	597	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
2	Cadmium	34	µg/L	IT
1	Calcium	20,100	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,970	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
2	Cobalt	100	µg/L	IT
0	Copper	59	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.2	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	22	µg/L	IT
0	Lead	<2.0	µg/L	IT
2	Magnesium	15,200	µg/L	IT
2	Manganese	2,160	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	41	µg/L	IT
2	Nitrate as nitrogen	139,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,800	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	18,000	µg/L	GE
0	Silica	19,000	µg/L	GE
0	Silica	18,800	µg/L	IT

WELL FSB 79C collected on 01/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silver	<2.5	µg/L	IT
2	Sodium	84,300	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	735,000	µg/L	IT
0	Total organic carbon	1,070	µg/L	IT
0	Total organic halogens	6.6	µg/L	IT
1	Total phosphates (as P)	366	µg/L	IT
2	Total silica	21,000	µg/L	GE
2	Total silica	18,000	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	Tributyl phosphate	<10	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	731	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	125	µg/L	IT
2	Americium-241	9.8E-09±1.0E-09	µCi/mL	IT
0	Antimony-125	<4.5E-08	µCi/mL	IT
0	Cerium-144	<3.4E-07	µCi/mL	IT
0	Cesium-134	<3.6E-08	µCi/mL	IT
0	Cesium-137	<6.6E-09	µCi/mL	IT
0	Cobalt-58	<6.3E-09	µCi/mL	IT
0	Cobalt-60	<7.8E-09	µCi/mL	IT
2	Gross alpha	4.7E-07±5.0E-08	µCi/mL	IT
0	Manganese-54	<6.3E-09	µCi/mL	IT
0	Niobium-95	<7.2E-09	µCi/mL	IT
2	Nonvolatile beta	1.2E-06±2.0E-07	µCi/mL	IT
2	Radium-226	7.5E-08±8.0E-09	µCi/mL	IT
2	Radium-226	3.6E-08±4.0E-09	µCi/mL	IT
2	Radium-228	2.3E-07±3.0E-08	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<5.7E-09	µCi/mL	IT
0	Ruthenium-106	<5.7E-08	µCi/mL	IT
0	Sodium-22	<6.0E-09	µCi/mL	IT
2	Strontium-89	1.8E-07±2.0E-08	µCi/mL	IT
2	Strontium-90	1.2E-06±2.0E-07	µCi/mL	IT
0	Thorium-232	<1.1E-08	µCi/mL	IT
0	Total activity	9.5E-03±6.5E-05	µCi/mL	EM
2	Tritium	8.8E-03±9.0E-04	µCi/mL	IT
2	Uranium-234	1.0E-07±1.0E-08	µCi/mL	IT
0	Uranium-235	6.6E-09±1.1E-09	µCi/mL	IT
1	Uranium-235	2.7E-08±3.0E-09	µCi/mL	IT
0	Uranium-238	<1.5E-07	µCi/mL	IT
2	Uranium-238	1.2E-07±2.0E-08	µCi/mL	IT
0	Zinc-65	<1.6E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL FSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91
Depth to water: 20.84 ft (6.38 m) below TOC
Water elevation: 197.46 ft (60.19 m) msl
Sp. conductance: 1207 µS/cm
Water evacuated before sampling: 125 gal

Time: 14:05
pH: 3.4
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.4°C

WELL FSB 87A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91
Depth to water: 134.34 ft (40.95 m) below TOC
Water elevation: 153.46 ft (46.78 m) msl
Sp. conductance: 105 µS/cm
Water evacuated before sampling: 316 gal

Time: 12:25
pH: 6.6
Alkalinity ($CaCO_3$): 38 mg/L
Water temperature: 16.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	IT
0	Specific conductance	112	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	19	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	17,100	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,280	µg/L	IT

ANALYTICAL RESULTS

WELL FSB 87A collected on 01/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	8.9	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<2.9	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	16	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	545	µg/L	IT
0	Manganese	1.2	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	520	µg/L	IT
0	Nitrate as nitrogen	510	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,040	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	21,700	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,720	µg/L	IT
0	Sulfate	5,380	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	94,000	µg/L	IT
0	Total organic carbon	1,360	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	295	µg/L	IT
1	Total phosphates (as P)	300	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	5.2	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.0E-08	µCi/mL	IT
0	Cerium-141	<7.9E-09	µCi/mL	IT
0	Cerium-144	<2.7E-07	µCi/mL	IT
0	Cesium-134	<3.1E-08	µCi/mL	IT
0	Cesium-137	<5.7E-09	µCi/mL	IT
0	Cobalt-58	<6.3E-09	µCi/mL	IT
0	Cobalt-60	<7.7E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<6.8E-09	µCi/mL	IT
0	Niobium-95	<6.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
2	Radium-226	1.2E-08 ± 2.0E-09	µCi/mL	IT
0	Radium-228	1.2E-09 ± 7.0E-10	µCi/mL	IT
0	Radium-228	<8.8E-08	µCi/mL	IT
0	Ruthenium-103	<4.9E-09	µCi/mL	IT
0	Ruthenium-106	<5.4E-08	µCi/mL	IT
0	Sodium-22	<8.3E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.7E-09	µCi/mL	IT
2	Tritium	4.3E-05 ± 5.0E-06	µCi/mL	IT
0	Uranium-234	5.1E-09 ± 1.0E-09	µCi/mL	IT
0	Uranium-235	<3.9E-08	µCi/mL	IT
0	Uranium-235	2.0E-09 ± 6.0E-10	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Uranium-238	2.2E-09 ± 7.0E-10	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL FSB 87B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 — Time: 12:05
Depth to water: 137.36 ft (41.87 m) below TOC — pH: 5.9
Water elevation: 150.14 ft (45.76 m) msl — Alkalinity ($CaCO_3$): 9 mg/L
Sp. conductance: 84 µS/cm — Water temperature: 16.3°C
Water evacuated before sampling: 158 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	IT
0	pH	6.0	pH	IT
0	Specific conductance	83	µS/cm	IT
0	Aluminum	14	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	2.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	7,380	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,880	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	7.5	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<2.9	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	5.2	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	442	µg/L	IT
0	Manganese	1.8	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,950	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	825	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	11,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,030	µg/L	IT
0	Sulfate	1,620	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	64,000	µg/L	IT
0	Total dissolved solids	52,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
2	Total phosphates (as P)	1,100	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	0.60	µg/L	IT
0	Zinc	8.3	µg/L	IT
1	Americium-241	3.0E-09 ± 7.0E-10	µCi/mL	IT
0	Antimony-125	<3.0E-08	µCi/mL	IT
0	Cerium-141	<5.9E-09	µCi/mL	IT
0	Cerium-144	<2.0E-07	µCi/mL	IT
0	Cesium-134	<2.4E-08	µCi/mL	IT
0	Cesium-137	<4.1E-09	µCi/mL	IT
0	Cobalt-58	<4.4E-09	µCi/mL	IT
0	Cobalt-60	<5.4E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<3.9E-09	µCi/mL	IT
0	Niobium-95	<4.2E-09	µCi/mL	IT
0	Nonvolatile beta	5.0E-09 ± 3.3E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.5E-08	µCi/mL	IT

WELL FSB 87B collected on 01/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Radium-228	1.4E-09 ± 9.0E-10	µCi/mL	IT
0	Radium-228	< 7.6E-08	µCi/mL	IT
0	Ruthenium-103	< 3.9E-09	µCi/mL	IT
0	Ruthenium-106	< 3.7E-08	µCi/mL	IT
0	Sodium-22	< 5.7E-09	µCi/mL	IT
0	Strontium-89	< 1.0E-09	µCi/mL	IT
0	Strontium-90	< 1.0E-09	µCi/mL	IT
1	Thorium-232	6.4E-09 ± 2.2E-09	µCi/mL	IT
2	Tritium	4.9E-05 ± 5.0E-06	µCi/mL	IT
1	Uranium-234	1.4E-08 ± 3.0E-09	µCi/mL	IT
0	Uranium-235	< 2.8E-08	µCi/mL	IT
0	Uranium-235	7.8E-09 ± 2.1E-09	µCi/mL	IT
0	Uranium-238	< 9.0E-08	µCi/mL	IT
0	Uranium-238	9.8E-09 ± 2.4E-09	µCi/mL	IT
0	Zinc-65	< 1.1E-08	µCi/mL	IT
0	Zirconium-95	< 9.2E-09	µCi/mL	IT

WELL FSB 87C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 — Time: 13:20
Depth to water: 80.02 ft (24.39 m) below TOC — pH: 5.9
Water elevation: 207.48 ft (63.24 m) msl — Alkalinity ($CaCO_3$): 6 mg/L
Sp. conductance: 204 µS/cm — Water temperature: 16.3°C
Water evacuated before sampling: 152 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	IT
0	Specific conductance	205	µS/cm	IT
0	Aluminum	14	µg/L	IT
0	Antimony	< 3.0	µg/L	IT
0	Arsenic	< 2.0	µg/L	IT
0	Barium	30	µg/L	IT
0	Benzene	< 5.0	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	Bromodichloromethane	< 5.0	µg/L	IT
0	Bromoform	< 5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	< 10	µg/L	IT
0	Cadmium	< 1.5	µg/L	IT
1	Calcium	15,000	µg/L	IT
0	Carbon tetrachloride	< 5.0	µg/L	IT
0	Chloride	2,630	µg/L	IT
0	Chloride	2,560	µg/L	IT
0	Chlorobenzene	< 5.0	µg/L	IT
0	Chloroethane	< 10	µg/L	IT
0	Chloroethene (Vinyl chloride)	< 10	µg/L	IT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	IT
0	Chloroform	< 5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	< 10	µg/L	IT
0	Chromium	< 2.5	µg/L	IT
0	Cobalt	< 5.0	µg/L	IT
0	Copper	8.5	µg/L	IT
0	Cyanide	< 5.0	µg/L	IT
0	Dibromochloromethane	< 5.0	µg/L	IT
0	1,1-Dichloroethane	< 5.0	µg/L	IT
0	1,2-Dichloroethane	< 5.0	µg/L	IT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	IT
0	1,1-Dichloroethylene	< 5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 1.1	µg/L	IT
0	1,2-Dichloropropane	< 5.0	µg/L	IT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	IT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	IT
0	Endrin	< 0.020	µg/L	IT
0	Ethylbenzene	< 5.0	µg/L	IT
0	Fluoride	< 250	µg/L	IT
0	Fluoride	< 250	µg/L	IT
0	Iron	8.1	µg/L	IT
0	Lead	12	µg/L	IT
0	Magnesium	2,420	µg/L	IT
0	Manganese	12	µg/L	IT
0	Mercury	< 0.20	µg/L	IT
0	Mercury	< 0.20	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	IT
0	Nickel	< 2.5	µg/L	IT
2	Nitrate as nitrogen	16,300	µg/L	IT
0	Phenols	< 5.0	µg/L	IT
0	Potassium	808	µg/L	IT
0	Selenium	< 3.0	µg/L	IT
0	Silica	7,690	µg/L	IT
0	Silver	< 2.5	µg/L	IT
0	Sodium	14,700	µg/L	IT
0	Sulfate	< 1,000	µg/L	IT
0	Sulfate	< 1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	IT
0	Tetrachloroethylene	< 5.0	µg/L	IT
0	Thallium	< 3.0	µg/L	IT
0	Toluene	< 5.0	µg/L	IT
0	Total dissolved solids	173,000	µg/L	IT
0	Total organic carbon	< 1,000	µg/L	IT
0	Total organic halogens	< 5.0	µg/L	IT
0	Total organic halogens	< 5.0	µg/L	IT
0	Total phosphates (as P)	133	µg/L	IT
0	Toxaphene	< 0.50	µg/L	IT

WELL FSB 87C collected on 01/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	< 0.030	µg/L	IT
0	1,1,1-Trichloroethane	< 5.0	µg/L	IT
0	1,1,2-Trichloroethane	< 5.0	µg/L	IT
0	Trichloroethylene	< 5.0	µg/L	IT
0	Trichlorofluoromethane	< 10	µg/L	IT
0	Uranium	< 50	µg/L	IT
0	Vanadium	< 0.50	µg/L	IT
0	Zinc	15	µg/L	IT
0	Americium-241	< 1.0E-09	µCi/mL	IT
0	Americium-241	< 1.0E-09	µCi/mL	IT
0	Antimony-125	< 3.8E-08	µCi/mL	IT
0	Cerium-141	< 8.6E-09	µCi/mL	IT
0	Cerium-144	< 2.8E-07	µCi/mL	IT
0	Cesium-134	< 3.3E-08	µCi/mL	IT
0	Cesium-137	< 5.9E-09	µCi/mL	IT
0	Cobalt-58	< 5.4E-09	µCi/mL	IT
0	Cobalt-60	< 6.8E-09	µCi/mL	IT
0	Gross alpha	< 2.0E-09	µCi/mL	IT
0	Gross alpha	< 4.0E-09	µCi/mL	IT
0	Manganese-54	< 5.7E-09	µCi/mL	IT
0	Niobium-95	< 8.0E-09	µCi/mL	IT
0	Nonvolatile beta	8.0E-09 ± 3.4E-09	µCi/mL	IT
0	Nonvolatile beta	9.0E-09 ± 3.0E-09	µCi/mL	IT
0	Radium-226	1.6E-09 ± 4.0E-10	µCi/mL	IT
0	Radium-226	< 2.1E-08	µCi/mL	IT
0	Radium-228	< 1.0E-09	µCi/mL	IT
0	Radium-228	< 1.0E-07	µCi/mL	IT
0	Ruthenium-103	< 5.0E-09	µCi/mL	IT
0	Ruthenium-106	< 4.7E-08	µCi/mL	IT
0	Sodium-22	< 7.9E-09	µCi/mL	IT
0	Strontium-89	< 1.0E-09	µCi/mL	IT
0	Strontium-90	< 1.0E-09	µCi/mL	IT
0	Thorium-232	4.9E-09 ± 2.0E-09	µCi/mL	IT
0	Total activity	1.2E-03 ± 7.6E-08	µCi/mL	EM
2	Tritium	1.1E-03 ± 2.0E-04	µCi/mL	IT
2	Tritium	1.1E-03 ± 2.0E-04	µCi/mL	IT
1	Uranium-234	1.8E-08 ± 2.0E-09	µCi/mL	IT
0	Uranium-235	< 3.9E-08	µCi/mL	IT
0	Uranium-235	3.4E-09 ± 1.0E-09	µCi/mL	IT
0	Uranium-238	< 1.3E-07	µCi/mL	IT
0	Uranium-238	3.8E-09 ± 1.0E-09	µCi/mL	IT
0	Zinc-65	< 1.6E-08	µCi/mL	IT
0	Zirconium-95	< 1.1E-08	µCi/mL	IT

WELL FSB 87D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 — Time: 13:00
The well was dry.

WELL FSB 88C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 — Time: 10:15
Depth to water: 72.00 ft (21.95 m) below TOC — pH: 5.6
Water elevation: 211.00 ft (64.31 m) msl — Alkalinity ($CaCO_3$): 6 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 138 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	IT
0	Specific conductance	42	µS/cm	IT
0	Aluminum	< 10	µg/L	IT
0	Antimony	< 3.0	µg/L	IT
0	Arsenic	< 2.0	µg/L	IT
0	Barium	9.2	µg/L	IT
0	Benzene	< 5.0	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	Bromodichloromethane	< 5.0	µg/L	IT
0	Bromoform	< 5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	< 10	µg/L	IT
0	Cadmium	< 1.5	µg/L	IT
0	Calcium	3,410	µg/L	IT
0	Carbon tetrachloride	< 5.0	µg/L	IT
0	Chloride	2,980	µg/L	IT
0	Chlorobenzene	< 5.0	µg/L	IT
0	Chloroethane	< 10	µg/L	IT
0	Chloroethene (Vinyl chloride)	< 10	µg/L	IT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	IT
0	Chloroform	< 5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	< 10	µg/L	IT
0	Chromium	< 2.5	µg/L	IT
0	Cobalt	< 5.0	µg/L	IT
0	Copper	< 2.0	µg/L	IT
0	Cyanide	< 5.0	µg/L	IT
0	Dibromochloromethane	< 5.0	µg/L	IT
0	1,1-Dichloroethane	< 5.0	µg/L	IT
0	1,2-Dichloroethane	< 5.0	µg/L	IT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	IT
0	1,1-Dichloroethylene	< 5.0	µg/L	IT

ANALYTICAL RESULTS

WELL FSB 88C collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	11	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	455	µg/L	IT
0	Manganese	8.3	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,510	µg/L	IT
0	Nitrate as nitrogen	1,520	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,330	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,360	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
1	Tetrachloroethylene	J 3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	53,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	7.3	µg/L	IT
0	Total phosphates (as P)	53	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	6.8	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Strontium-90	1.0E-09 ± 1.0E-10	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
1	Tritium	1.5E-05 ± 2.0E-06	µCi/mL	IT
1	Tritium	1.5E-05 ± 2.0E-06	µCi/mL	IT

WELL FSB 88D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91
Depth to water: 68.08 ft (20.75 m) below TOC
Water elevation: 214.32 ft (65.33 m) msl
Sp. conductance: 326 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging

Time: 10:10
pH: 4.3
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	IT
1	Specific conductance	344	µS/cm	IT
2	Aluminum	4,110	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	114	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5,050	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	950	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	8.4	µg/L	IT
0	Copper	21	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT

WELL FSB 88D collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	61	µg/L	IT
0	Lead	11	µg/L	IT
0	Magnesium	860	µg/L	IT
2	Manganese	323	µg/L	IT
1	Mercury	1.2	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	11	µg/L	IT
2	Nitrate as nitrogen	33,800	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,830	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	24,700	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	39,900	µg/L	IT
0	Sulfate	3,450	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	201,000	µg/L	IT
0	Total organic carbon	1,100	µg/L	IT
0	Total organic carbon	1,080	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	63	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	J 2.0	µg/L	IT
0	Uranium	323	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	60	µg/L	IT
2	Gross alpha	1.8E-07 ± 2.0E-08	µCi/mL	IT
2	Nonvolatile beta	3.7E-07 ± 4.0E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
2	Strontium-90	1.3E-07 ± 2.0E-08	µCi/mL	IT
2	Strontium-90	1.6E-07 ± 2.0E-08	µCi/mL	IT
0	Total activity	7.8E-04 ± 6.0E-06	µCi/mL	EM
2	Total radium	1.3E-08 ± 2.0E-09	µCi/mL	IT
2	Tritium	7.1E-04 ± 8.0E-05	µCi/mL	IT

WELL FSB 89C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91
Depth to water: 70.91 ft (21.61 m) below TOC
Water elevation: 210.39 ft (64.13 m) msl
Sp. conductance: 59 µS/cm
Water evacuated before sampling: 142 gal

Time: 15:45
pH: 5.9
Alkalinity ($CaCO_3$): 8 mg/L
Water temperature: 14.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	IT
0	Specific conductance	54	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	12	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5,420	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,040	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<2.9	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT

WELL FSB 89C collected on 01/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	487	µg/L	IT
0	Manganese	4.3	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,790	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	547	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,880	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,300	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
1	Tetrachloroethylene	J 4.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	38,000	µg/L	IT
0	Total organic carbon	1,150	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	24	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	7.3	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	2.8E-05±3.0E-06	µCi/mL	IT

WELL FSB 89D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91
Depth to water: 67.52 ft (20.58 m) below TOC
Water elevation: 213.68 ft (65.13 m) msl
Sp. conductance: 512 µS/cm
Water evacuated before sampling: 30 gal

Time: 15:15
pH: 3.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.9	pH	IT
2	Specific conductance	528	µS/cm	IT
2	Aluminum	9,810	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	94	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	3.8	µg/L	IT
0	Calcium	2,050	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,230	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	16	µg/L	IT
0	Copper	31	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	14	µg/L	IT
0	Lead	4.1	µg/L	IT
0	Magnesium	1,090	µg/L	IT
2	Manganese	596	µg/L	IT
2	Mercury	6.2	µg/L	IT

WELL FSB 89D collected on 01/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	13	µg/L	IT
2	Nitrate as nitrogen	55,700	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	12,900	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	58,000	µg/L	IT
0	Sulfate	1,540	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	343,000	µg/L	IT
0	Total organic carbon	1,210	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	27	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.030	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	400	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	58	µg/L	IT
2	Americium-241	6.3E-09±7.0E-10	µCi/mL	IT
0	Antimony-125	<4.1E-08	µCi/mL	IT
0	Cerium-141	<8.1E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cesium-134	<3.2E-08	µCi/mL	IT
0	Cesium-137	<5.9E-09	µCi/mL	IT
0	Cobalt-58	<4.8E-09	µCi/mL	IT
0	Cobalt-60	5.5E-09±6.0E-10	µCi/mL	IT
2	Gross alpha	3.0E-07±3.0E-08	µCi/mL	IT
0	Manganese-54	<5.3E-09	µCi/mL	IT
0	Niobium-95	<5.9E-09	µCi/mL	IT
2	Nonvolatile beta	1.2E-06±2.0E-07	µCi/mL	IT
2	Radium-226	1.7E-08±2.0E-09	µCi/mL	IT
2	Radium-226	1.1E-08±2.0E-09	µCi/mL	IT
2	Radium-228	1.3E-07±2.0E-08	µCi/mL	IT
0	Radium-228	<9.5E-08	µCi/mL	IT
0	Ruthenium-103	<4.5E-09	µCi/mL	IT
0	Ruthenium-106	<5.2E-08	µCi/mL	IT
0	Sodium-22	<7.2E-09	µCi/mL	IT
2	Strontium-89	2.6E-08±3.0E-09	µCi/mL	IT
2	Strontium-90	4.2E-07±5.0E-08	µCi/mL	IT
1	Thorium-232	7.1E-09±2.5E-09	µCi/mL	IT
0	Total activity	2.5E-03±1.1E-05	µCi/mL	EM
2	Tritium	2.2E-03±3.0E-04	µCi/mL	IT
2	Uranium-234	4.7E-08±5.0E-09	µCi/mL	IT
0	Uranium-235	4.1E-09±9.0E-10	µCi/mL	IT
0	Uranium-235	<3.7E-08	µCi/mL	IT
2	Uranium-238	6.7E-08±7.0E-09	µCi/mL	IT
2	Uranium-238	1.2E-07±2.0E-08	µCi/mL	IT
0	Zinc-65	<1.2E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL FSB 90C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 68.98 ft (21.03 m) below TOC
Water elevation: 209.42 ft (63.83 m) msl
Sp. conductance: 158 µS/cm
Water evacuated before sampling: 135 gal

Time: 12:45
pH: 6.5
Alkalinity ($CaCO_3$): 38 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	IT
0	Specific conductance	199	µS/cm	IT
0	Aluminum	38	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	44	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	15,800	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,500	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT

ANALYTICAL RESULTS

WELL FSB 90C collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	320	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
1	Magnesium	4,640	µg/L	IT
0	Manganese	20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	11,100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,160	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,850	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	10,900	µg/L	IT
0	Sulfate	1,640	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	J 2.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	157,000	µg/L	IT
0	Total organic carbon	1,010	µg/L	IT
0	Total organic halogens	5.7	µg/L	IT
0	Total phosphates (as P)	34	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	12	µg/L	IT
0	Gross alpha	6.3E-09 ± 3.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.8E-08 ± 4.0E-09	µCi/mL	IT
0	Total activity	7.5E-04 ± 6.1E-06	µCi/mL	EM
1	Total radium	3.2E-09 ± 6.0E-10	µCi/mL	IT
2	Tritium	6.6E-04 ± 7.0E-05	µCi/mL	IT

WELL FSB 90D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 85.92 ft (20.09 m) below TOC
Water elevation: 212.68 ft (64.83 m) msl
Sp. conductance: 459 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 12:05
pH: 4.3
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 15.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.3	pH	IT
1	Specific conductance	470	µS/cm	IT
2	Aluminum	8,820	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	185	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	4.6	µg/L	IT
0	Calcium	4,040	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,670	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	3.9	µg/L	IT
0	Cobalt	11	µg/L	IT
0	Copper	18	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT

WELL FSB 90D collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
1	Iron	238	µg/L	IT
1	Lead	33	µg/L	IT
0	Magnesium	1,220	µg/L	IT
2	Manganese	522	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	20	µg/L	IT
2	Nitrate as nitrogen	52,400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,310	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	12,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	51,600	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	335,000	µg/L	IT
0	Total organic carbon	1,360	µg/L	IT
0	Total organic halogens	9.0	µg/L	IT
0	Total phosphates (as P)	112	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	121	µg/L	IT
1	Americium-241	2.8E-09 ± 6.0E-10	µCi/mL	IT
0	Antimony-125	<4.1E-08	µCi/mL	IT
0	Cerium-141	<8.4E-09	µCi/mL	IT
0	Cerium-144	<3.0E-07	µCi/mL	IT
0	Cesium-134	<3.3E-08	µCi/mL	IT
0	Cesium-137	<6.6E-09	µCi/mL	IT
0	Cobalt-58	<8.3E-09	µCi/mL	IT
0	Cobalt-60	<8.5E-09	µCi/mL	IT
2	Gross alpha	1.8E-07 ± 2.0E-08	µCi/mL	IT
0	Manganese-54	<5.9E-09	µCi/mL	IT
0	Niobium-95	<6.4E-09	µCi/mL	IT
2	Nonvolatile beta	9.8E-07 ± 1.0E-07	µCi/mL	IT
2	Radium-226	1.8E-08 ± 2.0E-09	µCi/mL	IT
0	Radium-226	<2.4E-08	µCi/mL	IT
2	Radium-228	8.9E-08 ± 9.0E-09	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<5.2E-09	µCi/mL	IT
0	Ruthenium-106	<5.4E-08	µCi/mL	IT
0	Sodium-22	<9.0E-09	µCi/mL	IT
1	Strontium-89	1.1E-08 ± 2.0E-09	µCi/mL	IT
2	Strontium-90	3.6E-07 ± 4.0E-08	µCi/mL	IT
0	Thorium-232	<9.5E-09	µCi/mL	IT
0	Total activity	2.9E-03 ± 3.9E-05	µCi/mL	EM
2	Tritium	2.1E-03 ± 3.0E-04	µCi/mL	IT
1	Uranium-234	1.9E-08 ± 2.0E-09	µCi/mL	IT
0	Uranium-235	<4.0E-08	µCi/mL	IT
0	Uranium-235	1.4E-09 ± 4.0E-10	µCi/mL	IT
0	Uranium-238	<1.3E-07	µCi/mL	IT
1	Uranium-238	2.2E-08 ± 3.0E-09	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT

WELL FSB 91C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91
Depth to water: 89.92 ft (21.31 m) below TOC
Water elevation: 209.38 ft (63.82 m) msl
Sp. conductance: 478 µS/cm
Water evacuated before sampling: 21 gal
The well went dry during purging.

Time: 10:45
pH: 4.9
Alkalinity ($CaCO_3$): 50 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	IT
2	Specific conductance	533	µS/cm	IT
2	Aluminum	3,790	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	204	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
1	Cadmium	8.9	µg/L	IT
2	Calcium	30,900	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,330	µg/L	IT

WELL FSB 91C collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	22	µg/L	IT
0	Copper	11	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	104	µg/L	IT
0	Lead	<2.0	µg/L	IT
1	Magnesium	3,860	µg/L	IT
2	Manganese	671	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	15	µg/L	IT
2	Nitrate as nitrogen	56,700	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,180	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,670	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	43,100	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	451,000	µg/L	IT
0	Total organic carbon	1,540	µg/L	IT
0	Total organic halogens	9.3	µg/L	IT
0	Total phosphates (as P)	115	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	48	µg/L	IT
2	Gross alpha	8.5E-08 ± 9.0E-09	µCi/mL	IT
2	Nonvolatile beta	1.3E-06 ± 2.0E-07	µCi/mL	IT
0	Total activity	2.9E-03 ± 3.9E-05	µCi/mL	EM
2	Total radium	5.0E-08 ± 5.0E-09	µCi/mL	IT
2	Tritium	2.4E-03 ± 3.0E-04	µCi/mL	IT

WELL FSB 91D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 67.22 ft (20.49 m) below TOC
Water elevation: 211.98 ft (64.61 m) msl
Sp. conductance: 1269 µS/cm
Water evacuated before sampling: 29 gal

Time: 14:15
pH: 3.4
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.5	pH	IT
2	Specific conductance	1,310	µS/cm	IT
2	Aluminum	55,200	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<4.0	µg/L	IT
0	Arsenic	<4.0	µg/L	IT
1	Barium	842	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
2	Cadmium	13	µg/L	IT
0	Calcium	12,600	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,160	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT

WELL FSB 91D collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cobalt	17	µg/L	IT
0	Copper	14	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	400	µg/L	IT
0	Iron	48	µg/L	IT
0	Lead	2.3	µg/L	IT
0	Lead	2.8	µg/L	IT
1	Magnesium	6,950	µg/L	IT
2	Manganese	1,170	µg/L	IT
0	Mercury	0.42	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	30	µg/L	IT
2	Nitrate as nitrogen	140,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,490	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	17,000	µg/L	GE
0	Silica	15,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	71,400	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	574,000	µg/L	IT
0	Total organic carbon	1,190	µg/L	IT
0	Total organic halogens	15	µg/L	IT
0	Total phosphates (as P)	58	µg/L	IT
2	Total silica	15,000	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Tributyl phosphate	<10	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	515	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	78	µg/L	IT
2	Americium-241	1.7E-08 ± 2.0E-09	µCi/mL	IT
0	Antimony-125	<3.5E-08	µCi/mL	IT
0	Cerium-141	<7.0E-09	µCi/mL	IT
0	Cerium-144	<2.6E-07	µCi/mL	IT
0	Cesium-134	<2.6E-08	µCi/mL	IT
0	Cesium-137	<5.1E-09	µCi/mL	IT
0	Cobalt-58	<4.9E-09	µCi/mL	IT
0	Cobalt-60	9.0E-09 ± 1.1E-09	µCi/mL	IT
2	Gross alpha	4.8E-07 ± 5.0E-08	µCi/mL	IT
0	Manganese-54	<4.8E-09	µCi/mL	IT
0	Niobium-95	<5.5E-09	µCi/mL	IT
2	Nonvolatile beta	2.0E-06 ± 2.0E-07	µCi/mL	IT
2	Radium-226	5.2E-08 ± 6.0E-09	µCi/mL	IT
2	Radium-226	2.4E-08 ± 3.0E-09	µCi/mL	IT
2	Radium-228	1.7E-07 ± 2.0E-08	µCi/mL	IT
2	Radium-228	6.4E-08 ± 7.0E-09	µCi/mL	IT
0	Ruthenium-103	<4.2E-09	µCi/mL	IT
0	Ruthenium-106	<4.1E-08	µCi/mL	IT
0	Sodium-22	<5.6E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
2	Strontium-90	7.6E-07 ± 8.0E-08	µCi/mL	IT
0	Thorium-232	<8.1E-09	µCi/mL	IT
0	Total activity	9.9E-04 ± 7.0E-06	µCi/mL	EM
2	Tritium	8.7E-03 ± 9.0E-04	µCi/mL	IT
2	Uranium-234	7.7E-08 ± 8.0E-09	µCi/mL	IT
0	Uranium-235	1.0E-08 ± 2.0E-09	µCi/mL	IT
0	Uranium-235	<3.3E-08	µCi/mL	IT
2	Uranium-238	1.4E-07 ± 2.0E-08	µCi/mL	IT
0	Uranium-238	<1.1E-07	µCi/mL	IT
0	Zinc-65	<1.2E-08	µCi/mL	IT
0	Zirconium-95	<1.2E-08	µCi/mL	IT

ANALYTICAL RESULTS

WELL FSB 92D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91 — Time: 13:15
Depth to water: 65.37 ft (19.93 m) below TOC — pH: 3.7
Water elevation: 210.53 ft (64.17 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 427 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	IT
1	pH	3.8	pH	IT
1	Specific conductance	411	µS/cm	IT
2	Aluminum	10,600	µg/L	IT
2	Aluminum	10,100	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	305	µg/L	IT
0	Barium	289	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
2	Cadmium	14	µg/L	IT
2	Cadmium	13	µg/L	IT
0	Calcium	5,310	µg/L	IT
0	Calcium	5,050	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,870	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	7.4	µg/L	IT
0	Cobalt	7.0	µg/L	IT
0	Copper	18	µg/L	IT
0	Copper	17	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	88	µg/L	IT
0	Iron	85	µg/L	IT
0	Lead	<3.0	µg/L	IT
1	Magnesium	5,060	µg/L	IT
1	Magnesium	4,810	µg/L	IT
2	Manganese	384	µg/L	IT
2	Manganese	365	µg/L	IT
0	Mercury	0.54	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	12	µg/L	IT
0	Nickel	10	µg/L	IT
2	Nitrate as nitrogen	53,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,010	µg/L	IT
0	Potassium	945	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,740	µg/L	IT
0	Silica	9,270	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	27,300	µg/L	IT
1	Sodium	26,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	218,000	µg/L	IT
0	Total organic carbon	1,060	µg/L	IT
0	Total organic carbon	1,040	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	11	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	153	µg/L	IT
0	Uranium	140	µg/L	IT

WELL FSB 92D collected on 01/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Vanadium	<0.50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	33	µg/L	IT
0	Zinc	31	µg/L	IT
1	Americium-241	3.9E-09 ± 8.0E-10	µCi/mL	IT
0	Antimony-125	<4.3E-08	µCi/mL	IT
0	Cerium-141	<8.0E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cesium-134	<3.1E-08	µCi/mL	IT
0	Cesium-137	<8.1E-09	µCi/mL	IT
0	Cobalt-58	<5.5E-09	µCi/mL	IT
0	Cobalt-60	<6.8E-09	µCi/mL	IT
2	Gross alpha	1.5E-07 ± 2.0E-08	µCi/mL	IT
0	Manganese-54	<5.3E-09	µCi/mL	IT
0	Niobium-95	<5.7E-09	µCi/mL	IT
2	Nonvolatile beta	1.1E-08 ± 2.0E-07	µCi/mL	IT
2	Radium-226	1.5E-08 ± 2.0E-09	µCi/mL	IT
2	Radium-226	1.2E-08 ± 2.0E-09	µCi/mL	IT
2	Radium-228	1.0E-07 ± 1.0E-08	µCi/mL	IT
0	Radium-228	<9.8E-08	µCi/mL	IT
0	Ruthenium-103	<5.3E-09	µCi/mL	IT
0	Ruthenium-106	<4.7E-08	µCi/mL	IT
0	Sodium-22	<7.2E-09	µCi/mL	IT
1	Strontium-89	1.8E-08 ± 2.0E-09	µCi/mL	IT
1	Strontium-89	1.7E-08 ± 2.0E-09	µCi/mL	IT
2	Strontium-90	4.5E-07 ± 5.0E-08	µCi/mL	IT
2	Strontium-90	4.3E-07 ± 5.0E-08	µCi/mL	IT
0	Thorium-232	4.9E-09 ± 2.4E-09	µCi/mL	IT
0	Total activity	4.9E-03 ± 4.7E-05	µCi/mL	EM
2	Tritium	5.3E-03 ± 6.0E-04	µCi/mL	IT
0	Uranium-234	9.8E-09 ± 1.7E-09	µCi/mL	IT
0	Uranium-235	5.7E-09 ± 1.3E-09	µCi/mL	IT
0	Uranium-235	<3.8E-08	µCi/mL	IT
0	Uranium-238	5.6E-09 ± 1.3E-09	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 — Time: 17:20
Depth to water: 68.53 ft (20.89 m) below TOC — pH: 5.1
Water elevation: 207.67 ft (63.30 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 343 µS/cm — Water temperature: 17.3°C
Water evacuated before sampling: 173 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
1	Specific conductance	377	µS/cm	IT
1	Specific conductance	378	µS/cm	IT
0	Aluminum	30	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	63	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	24,500	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,020	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	5.6	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
1	Magnesium	6,000	µg/L	IT
2	Manganese	82	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	11	µg/L	IT

WELL FSB 93C collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Nitrate as nitrogen	37,100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,010	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,460	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	25,900	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	328,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	23	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	J 1.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	100	µg/L	IT
0	Gross alpha	6.4E-09 ± 2.9E-09	µCi/mL	IT
1	Nonvolatile beta	4.6E-08 ± 5.0E-09	µCi/mL	IT
0	Total activity	1.8E-03 ± 3.1E-05	µCi/mL	EM
1	Total radium	2.8E-09 ± 6.0E-10	µCi/mL	IT
2	Tritium	1.6E-03 ± 2.0E-04	µCi/mL	IT

WELL FSB 93C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 Time: 15:55
Depth to water: 68.01 ft (20.73 m) below TOC pH: 5.1
Water elevation: 208.19 ft (63.46 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 322 µS/cm Water temperature: 18.5°C
Water evacuated before sampling: 174 gal

WELL FSB 93D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 Time: 16:50
Depth to water: 66.56 ft (20.29 m) below TOC
Water elevation: 209.54 ft (63.87 m) msl
The well pumped dry before all field parameters were collected.

WELL FSB 94C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 Time: 9:45
Depth to water: 74.07 ft (22.58 m) below TOC pH: 4.2
Water elevation: 207.03 ft (63.10 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 1895 µS/cm Water temperature: 17.0°C
Water evacuated before sampling: 176 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	IT
2	Specific conductance	1,750	µS/cm	IT
2	Aluminum	25,200	µg/L	IT
2	Aluminum	25,200	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
1	Barium	607	µg/L	IT
1	Barium	606	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
2	Cadmium	20	µg/L	IT
2	Cadmium	20	µg/L	IT
2	Calcium	105,000	µg/L	IT
2	Calcium	105,000	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,280	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT

WELL FSB 94C collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	2.8	µg/L	IT
0	Chromium	2.8	µg/L	IT
2	Cobalt	447	µg/L	IT
2	Cobalt	447	µg/L	IT
0	Copper	23	µg/L	IT
0	Copper	23	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
1	Iron	299	µg/L	IT
0	Lead	7.6	µg/L	IT
0	Lead	7.5	µg/L	IT
2	Magnesium	17,700	µg/L	IT
2	Magnesium	17,500	µg/L	IT
2	Manganese	14,900	µg/L	IT
2	Manganese	14,800	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
2	Nickel	115	µg/L	IT
2	Nickel	114	µg/L	IT
2	Nitrate as nitrogen	207,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	14,000	µg/L	IT
2	Potassium	14,000	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,510	µg/L	IT
0	Silica	7,490	µg/L	IT
0	Silver	3.1	µg/L	IT
0	Silver	3.1	µg/L	IT
2	Sodium	148,000	µg/L	IT
2	Sodium	148,000	µg/L	IT
0	Sulfate	3,630	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	1.6E+06	µg/L	IT
2	Total dissolved solids	1.6E+06	µg/L	IT
0	Total organic carbon	1,090	µg/L	IT
0	Total organic halogens	6.2	µg/L	IT
0	Total phosphates (as P)	91	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	206	µg/L	IT
0	Zinc	203	µg/L	IT
2	Gross alpha	6.2E-08 ± 8.0E-09	µCi/mL	IT
2	Nonvolatile beta	2.7E-06 ± 3.0E-07	µCi/mL	IT
0	Total activity	1.1E-02 ± 7.1E-05	µCi/mL	EM
2	Total radium	3.6E-08 ± 4.0E-09	µCi/mL	IT
2	Tritium	9.8E-03 ± 1.0E-03	µCi/mL	IT

WELL FSB 94D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 Time: 15:40
Inaccessibility or pump failure prevented sample collection.

ANALYTICAL RESULTS

WELL FSB 94DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/24/91 Time: 11:30
Depth to water: 71.77 ft (21.88 m) below TOC pH: 2.9
Water elevation: 208.73 ft (63.62 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 2730 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 66 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.1	pH	IT
2	Specific conductance	2,820	µS/cm	IT
2	Aluminum	89,400	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	4.9	µg/L	IT
1	Barium	740	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,910	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	300	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	9.5	µg/L	IT
1	Cobalt	43	µg/L	IT
0	Copper	87	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	0.13	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	350	µg/L	IT
1	Iron	293	µg/L	IT
0	Lead	9.4	µg/L	IT
0	Magnesium	874	µg/L	IT
2	Manganese	5,060	µg/L	IT
1	Mercury	1.3	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	46	µg/L	IT
2	Nitrate as nitrogen	127,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,720	µg/L	IT
0	Selenium	4.3	µg/L	IT
2	Silica	111,000	µg/L	IT
0	Silver	2.9	µg/L	IT
2	Sodium	336,000	µg/L	IT
0	Sulfate	18,800	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	1.5E+06	µg/L	IT
1	Total organic carbon	6,190	µg/L	IT
0	Total organic halogens	6.3	µg/L	IT
1	Total phosphates (as P)	395	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	2,440	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	338	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
2	Nonvolatile beta	1.7E-06 ± 2.0E-07	µCi/mL	IT
0	Total activity	2.9E-02 ± 1.2E-04	µCi/mL	EM
2	Total radium	1.4E-08 ± 2.0E-09	µCi/mL	IT
2	Tritium	2.4E-02 ± 3.0E-03	µCi/mL	IT

WELL FSB 95C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 Time: 15:30
Inaccessibility or pump failure prevented sample collection

WELL FSB 95CR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/24/91 Time: 12:15
Depth to water: 77.85 ft (23.73 m) below TOC pH: 4.7
Water elevation: 206.15 ft (62.84 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 1419 µS/cm Water temperature: 19.3°C
Water evacuated before sampling: 179 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	IT
2	Specific conductance	1,440	µS/cm	IT
2	Aluminum	11,800	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
1	Barium	555	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
2	Cadmium	12	µg/L	IT
2	Calcium	92,500	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,420	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
2	Cobalt	263	µg/L	IT
0	Copper	15	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	0.34	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	510	µg/L	IT
0	Iron	8.6	µg/L	IT
0	Lead	<3.0	µg/L	IT
2	Magnesium	18,500	µg/L	IT
2	Manganese	5,420	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
1	Nickel	64	µg/L	IT
2	Nitrate as nitrogen	149,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
1	Potassium	4,950	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	14,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	92,300	µg/L	IT
0	Sulfate	4,670	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	1.1E+06	µg/L	IT
0	Total organic carbon	1,600	µg/L	IT
0	Total organic halogens	5.2	µg/L	IT
0	Total phosphates (as P)	62	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	0.080	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	230	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	281	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
2	Nonvolatile beta	2.4E-06 ± 3.0E-07	µCi/mL	IT
0	Total activity	6.9E-03 ± 5.8E-05	µCi/mL	EM
2	Total radium	5.6E-08 ± 8.0E-09	µCi/mL	IT
2	Tritium	6.3E-03 ± 7.0E-04	µCi/mL	IT

WELL FSB 95D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 Time: 15:35
Inaccessibility or pump failure prevented sample collection

WELL FSB 95DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/24/91 Time: 12:45
Depth to water: 75.55 ft (23.03 m) below TOC pH: 3.3
Water elevation: 208.55 ft (63.57 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 2810 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.2	pH	IT
2	Specific conductance	2,880	µS/cm	IT
2	Aluminum	142,000	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	7.8	µg/L	IT
2	Barium	1,370	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,210	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	11	µg/L	IT
1	Cobalt	51	µg/L	IT
0	Copper	95	µg/L	IT
2	Cyanide	56	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	0.13	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
C	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	105	µg/L	IT
0	Lead	4.9	µg/L	IT
0	Magnesium	1,470	µg/L	IT
2	Manganese	10,800	µg/L	IT
2	Mercury	3.0	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
1	Nickel	64	µg/L	IT
2	Nitrate as nitrogen	138,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,070	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	97,500	µg/L	IT
0	Silver	2.8	µg/L	IT
2	Sodium	189,000	µg/L	IT
0	Sulfate	33,900	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	2.0E+06	µg/L	IT
2	Total dissolved solids	1.9E+06	µg/L	IT
1	Total organic carbon	6,200	µg/L	IT
0	Total organic halogens	14	µg/L	IT
2	Total phosphates (as P)	467	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	2,250	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	163	µg/L	IT
2	Gross alpha	1.4E-06 ± 2.0E-07	µCi/mL	IT
2	Nonvolatile beta	2.5E-06 ± 3.0E-07	µCi/mL	IT
0	Total activity	2.8E-02 ± 1.1E-04	µCi/mL	EM
2	Total radium	2.8E-08 ± 3.0E-09	µCi/mL	IT
2	Tritium	2.7E-02 ± 3.0E-03	µCi/mL	IT

WELL FSB 96AR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/24/91 Time: 14:05
Depth to water: 128.92 ft (39.30 m) below TOC pH: 6.9
Water elevation: 152.28 ft (46.42 m) msl Alkalinity ($CaCO_3$): 62 mg/L
Sp. conductance: 173 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 193 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	IT
0	Specific conductance	165	µS/cm	IT
0	Specific conductance	165	µS/cm	IT
0	Aluminum	46	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	36	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	27,900	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,170	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	615	µg/L	IT
0	Manganese	23	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	170	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,660	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	19,000	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,190	µg/L	IT
0	Sulfate	2,170	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	126,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	89	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	27	µg/L	IT
0	Gross alpha	<1.0E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-08	µCi/mL	IT
0	Total activity	1.5E-05 ± 1.3E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	3.6E-06 ± 4.0E-07	µCi/mL	IT

WELL FSB 96A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 Time: 15:25
Inaccessibility or pump failure prevented sample collection.

ANALYTICAL RESULTS

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91 Time: 15:15
Depth to water: 133.74 ft (40.76 m) below TOC pH: 7.0
Water elevation: 152.36 ft (46.44 m) msl Alkalinity ($CaCO_3$): 65 mg/L
Sp. conductance: 272 µS/cm Water temperature: 18.6°C
Water evacuated before sampling: 180 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	IT
1	Specific conductance	283	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	44	µg/L	IT
0	Barium	45	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	39,300	µg/L	IT
2	Calcium	39,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,250	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,090	µg/L	IT
0	Magnesium	1,100	µg/L	IT
0	Manganese	5.9	µg/L	IT
0	Manganese	6.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	20,800	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	725	µg/L	IT
0	Potassium	785	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	15,800	µg/L	IT
0	Silica	15,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	8,330	µg/L	IT
0	Sodium	8,480	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	733,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	99	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	4.7	µg/L	IT

WELL FSB 97A collected on 01/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Zinc	4.6	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	8.1E-09±3.3E-09	µCi/mL	IT
0	Total activity	4.4E-04±4.5E-06	µCi/mL	EM
0	Total radium	1.5E-09±4.0E-10	µCi/mL	IT
2	Tritium	4.7E-04±5.0E-05	µCi/mL	IT

WELL FSB 97A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/03/91 Time: 10:25
Depth to water: 134.64 ft (41.04 m) below TOC pH: 7.1
Water elevation: 151.48 ft (46.17 m) msl Alkalinity ($CaCO_3$): 57 mg/L
Sp. conductance: 272 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 172 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Silica	15,600	µg/L	GE
0	Silica	16,100	µg/L	GE
2	Total silica	15,400	µg/L	GE
2	Total silica	16,100	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	Total activity	5.0E-04±4.8E-06	µCi/mL	EM

WELL FSB 97C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/03/91 Time: 10:50
Depth to water: 79.17 ft (24.13 m) below TOC pH: 3.7
Water elevation: 206.93 ft (63.07 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 2290 µS/cm Water temperature: 18.0°C
Water evacuated before sampling: 17 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.9	pH	IT
2	Specific conductance	2,530	µS/cm	IT
2	Aluminum	119,000	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
1	Barium	908	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
1	Cadmium	9.3	µg/L	IT
2	Calcium	55,300	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,270	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	4.6	µg/L	IT
2	Cobalt	557	µg/L	IT
0	Copper	69	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<2.0	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	523	µg/L	IT
0	Lead	20	µg/L	IT
2	Magnesium	7,400	µg/L	IT
2	Manganese	7,570	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
2	Nickel	106	µg/L	IT
2	Nitrate as nitrogen	165,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
1	Potassium	5,820	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	34,000	µg/L	GE
1	Silica	36,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	117,000	µg/L	IT

WELL FSB 97C collected on 01/03/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	1.5E+06	µg/L	IT
0	Total organic carbon	1,820	µg/L	IT
0	Total organic halogens	9.7	µg/L	IT
0	Total phosphates (as P)	170	µg/L	IT
2	Total silica	44,000	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.050	µg/L	IT
0	Tributyl phosphate	<10	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	1,200	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	249	µg/L	IT
2	Gross alpha	5.7E-07±6.0E-08	µCi/mL	IT
2	Nonvolatile beta	1.8E-06±2.0E-07	µCi/mL	IT
0	Total activity	2.1E-02±9.6E-05	µCi/mL	EM
2	Total radium	2.1E-07±3.0E-08	µCi/mL	IT
2	Tritium	2.0E-02±2.0E-03	µCi/mL	IT

WELL FSB 97D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/03/91 Time: 11:20
Depth to water: 76.82 ft (23.35 m) below TOC pH: 4.2
Water elevation: 209.38 ft (63.82 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 928 µS/cm Water temperature: 17.1°C
Water evacuated before sampling: 2 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.0	pH	IT
2	Specific conductance	2,580	µS/cm	IT
2	Specific conductance	2,580	µS/cm	IT
2	Aluminum	42,800	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
1	Barium	578	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
1	Cadmium	5.8	µg/L	IT
2	Calcium	74,900	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	11	µg/L	IT
0	Cobalt	27	µg/L	IT
0	Copper	20	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	8,060	µg/L	IT
2	Lead	176	µg/L	IT
0	Magnesium	2,820	µg/L	IT
2	Manganese	2,810	µg/L	IT
0	Mercury	<0.20	µg/L	IT
2	Nickel	170	µg/L	IT
2	Nitrate as nitrogen	163,000	µg/L	IT
0	Phenols	5.6	µg/L	IT
0	Potassium	1,320	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	52,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	270,000	µg/L	IT
0	Sulfate	19,700	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	1.9E+06	µg/L	IT
0	Total organic carbon	1,860	µg/L	IT
0	Total organic halogens	11	µg/L	IT
0	Total phosphates (as P)	136	µg/L	IT

WELL FSB 97D collected on 01/03/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	6.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	2,870	µg/L	IT
0	Vanadium	2.1	µg/L	IT
0	Zinc	233	µg/L	IT
2	Gross alpha	4.6E-07±5.0E-08	µCi/mL	IT
2	Nonvolatile beta	1.7E-06±2.0E-07	µCi/mL	IT
0	Total activity	6.9E-03±5.6E-05	µCi/mL	EM
2	Total radium	2.0E-08±2.0E-09	µCi/mL	IT

WELL FSB 98A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 Time: 13:35
Depth to water: 132.02 ft (40.24 m) below TOC pH: 11.3
Water elevation: 150.98 ft (46.02 m) msl Alkalinity ($CaCO_3$): 360 mg/L
Sp. conductance: 435 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 164 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	IT
1	Specific conductance	394	µS/cm	IT
2	Aluminum	410	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	69	µg/L	IT
0	Benzene	<5.0	µg/L	IT
C	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	48,700	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,980	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0 10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	478	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	560	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,540	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	15,000	µg/L	IT
0	Silver	<2 5	µg/L	IT
0	Sodium	3,340	µg/L	IT
0	Sulfate	1,520	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5 0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3 0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	154,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	55	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	2.0	µg/L	IT
0	Zinc	<2 0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL FSB 98A collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total radium	1.4E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	9.9E-06 ± 1.0E-06	µCi/mL	IT

WELL FSB 98C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91
Depth to water: 75.34 ft (22.96 m) below TOC
Water elevation: 207.76 ft (63.33 m) msl
Sp. conductance: 1922 µS/cm
Water evacuated before sampling: 145 gal
Time: 12:30
pH: 3.2
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.3	pH	IT
2	Specific conductance	2,010	µS/cm	IT
2	Aluminum	99,900	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	6.2	µg/L	IT
0	Arsenic	6.0	µg/L	IT
1	Barium	668	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
2	Cadmium	12	µg/L	IT
0	Calcium	8,810	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	970	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
2	Cobalt	355	µg/L	IT
0	Copper	103	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	27	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
1	Magnesium	4,080	µg/L	IT
2	Manganese	5,830	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
1	Nickel	54	µg/L	IT
2	Nitrate as nitrogen	167,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,940	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	56,200	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	85,300	µg/L	IT
0	Sulfate	1,140	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	997,000	µg/L	IT
0	Total organic carbon	1,040	µg/L	IT
0	Total organic halogens	6.1	µg/L	IT
1	Total phosphates (as P)	300	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	1,270	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	140	µg/L	IT
2	Gross alpha	7.0E-07 ± 7.0E-08	µCi/mL	IT
2	Nonvolatile beta	1.8E-06 ± 2.0E-07	µCi/mL	IT
0	Total activity	1.3E-02 ± 7.9E-05	µCi/mL	EM
2	Total radium	1.4E-07 ± 2.0E-08	µCi/mL	IT
2	Tritium	1.3E-02 ± 2.0E-03	µCi/mL	IT

WELL FSB 98D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: 71.98 ft (21.94 m) below TOC
Water elevation: 211.12 ft (64.35 m) msl
Sp. conductance: 2260 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.
Time: 10:15
pH: 3.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	4.0	pH	IT
2	Specific conductance	2,630	µS/cm	IT
2	Aluminum	115,000	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	4.8	µg/L	IT
0	Arsenic	4.1	µg/L	IT
2	Barium	1,870	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	4.6	µg/L	IT
1	Calcium	17,800	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	9.1	µg/L	IT
2	Cobalt	230	µg/L	IT
0	Copper	81	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
2	Iron	827	µg/L	IT
0	Lead	6.4	µg/L	IT
0	Lead	6.9	µg/L	IT
0	Magnesium	2,710	µg/L	IT
2	Manganese	11,500	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
1	Nickel	77	µg/L	IT
2	Nitrate as nitrogen	234,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,430	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	66,700	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	281,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Toluene	J 4.0	µg/L	IT
2	Total dissolved solids	1.7E+06	µg/L	IT
0	Total organic carbon	2,100	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	201	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
1	Uranium	4,630	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	180	µg/L	IT
2	Gross alpha	9.1E-07 ± 1.0E-07	µCi/mL	IT
2	Nonvolatile beta	2.2E-06 ± 3.0E-07	µCi/mL	IT
0	Total activity	2.8E-02 ± 1.1E-04	µCi/mL	EM
2	Total radium	6.3E-08 ± 7.0E-09	µCi/mL	IT
2	Tritium	2.4E-02 ± 3.0E-03	µCi/mL	IT

WELL FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91
Depth to water: 137.65 ft (41.96 m) below TOC
Water elevation: 149.95 ft (45.71 m) msl
Sp. conductance: 153 µS/cm
Water evacuated before sampling: 150 gal

Time: 13:15
pH: 7.5
Alkalinity ($CaCO_3$): 61 mg/L
Water temperature: 17.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	pH	7.2	pH	IT
0	Specific conductance	154	µS/cm	GE
0	Specific conductance	148	µS/cm	IT
0	Aluminum	21	µg/L	GE
0	Aluminum	27	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	31	µg/L	GE
0	Barium	37	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
1	Calcium	20,000	µg/L	GE
1	Calcium	24,000	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,940	µg/L	GE
0	Chloride	2,000	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	6.2	µg/L	GE
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,100	µg/L	GE
0	Magnesium	1,180	µg/L	IT
0	Manganese	4.8	µg/L	GE
0	Manganese	5.3	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT

WELL FSB 99A collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	3,130	µg/L	GE
0	Nitrate as nitrogen	2,280	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	790	µg/L	GE
0	Potassium	1,100	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	14,000	µg/L	GE
0	Silica	14,500	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,400	µg/L	GE
0	Sodium	2,590	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	1,180	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<3.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	79,000	µg/L	GE
0	Total dissolved solids	107,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	260	µg/L	GE
1	Total phosphates (as P)	246	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.030	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<50	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	IT
0	Zinc	12	µg/L	GE
0	Zinc	2.3	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.3E-09 ± 2.5E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	1.3E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	9.8E-05 ± 1.0E-06	µCi/mL	GE
2	Tritium	7.6E-05 ± 8.0E-06	µCi/mL	IT

WELL FSB 99A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91
Depth to water: 137.65 ft (41.96 m) below TOC
Water elevation: 149.95 ft (45.71 m) msl
Sp. conductance: 153 µS/cm
Water evacuated before sampling: 150 gal

Time: 13:15
pH: 7.5
Alkalinity ($CaCO_3$): 61 mg/L
Water temperature: 17.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	pH	7.1	pH	IT
0	Specific conductance	152	µS/cm	GE
0	Specific conductance	147	µS/cm	IT
0	Aluminum	32	µg/L	GE
0	Aluminum	31	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	37	µg/L	GE
0	Barium	38	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL FSB 99A collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cadmium	<1.5	µg/L	IT
1	Calcium	23,000	µg/L	GE
1	Calcium	22,700	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,010	µg/L	GE
0	Chloride	1,980	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	5.1	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	11	µg/L	GE
0	Iron	19	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,300	µg/L	GE
0	Magnesium	1,180	µg/L	IT
0	Manganese	5.5	µg/L	GE
0	Manganese	5.5	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,490	µg/L	GE
0	Nitrate as nitrogen	2,270	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	960	µg/L	GE
0	Potassium	1,160	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	16,000	µg/L	GE
0	Silica	14,700	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,800	µg/L	GE
0	Sodium	2,660	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	1,180	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<3.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	73,000	µg/L	GE
0	Total dissolved solids	111,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	280	µg/L	GE
1	Total phosphates (as P)	255	µg/L	IT
1	Total phosphates (as P)	292	µg/L	IT

WELL FSB 99A collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.030	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<50	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	IT
0	Zinc	6.5	µg/L	GE
0	Zinc	3.4	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	3.6E-09 ± 2.6E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 5.0E-10	µCi/mL	IT
2	Tritium	9.4E-05 ± 1.0E-06	µCi/mL	GE
2	Tritium	7.7E-05 ± 8.0E-06	µCi/mL	IT

WELL FSB 99C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91 Time: 14:35
Depth to water: 79.47 ft (24.22 m) below TOC pH: 5.7
Water elevation: 208.23 ft (63.47 m) msl Alkalinity ($CaCO_3$): 10 mg/L
Sp. conductance: 342 µS/cm Water temperature: 18.0°C
Water evacuated before sampling: 134 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
1	Specific conductance	325	µS/cm	IT
1	Aluminum	118	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	92	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	18,800	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,750	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	2.2	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	8.8	µg/L	IT
0	Lead	<3.0	µg/L	IT
2	Magnesium	8,070	µg/L	IT
2	Manganese	99	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	4.1	µg/L	IT
2	Nitrate as nitrogen	34,800	µg/L	IT
0	Phenols	5.8	µg/L	IT
0	Potassium	1,220	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,410	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	26,800	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT

WELL FSB 99C collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
1	Total dissolved solids	242,000	µg/L	IT
0	Total organic carbon	1,120	µg/L	IT
0	Total organic halogens	7.3	µg/L	IT
0	Total phosphates (as P)	13	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	11	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	66	µg/L	IT
2	Gross alpha	2.0E-08±4.0E-09	µCi/mL	IT
2	Nonvolatile beta	7.1E-08±8.0E-09	µCi/mL	IT
0	Total activity	2.4E-03±1.1E-05	µCi/mL	EM
2	Total radium	1.2E-08±2.0E-09	µCi/mL	IT
2	Tritium	2.1E-03±3.0E-04	µCi/mL	IT

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91 — Time: 15:10
Depth to water: 76.38 ft (23.28 m) below TOC — pH: 4.0
Water elevation: 211.22 ft (64.38 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 46 µS/cm — Water temperature: 16.7°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	pH	4.6	pH	IT
0	Specific conductance	47	µS/cm	IT
1	Aluminum	218	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	11	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,150	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,380	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	2.6	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	18	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	250	µg/L	IT
0	Manganese	24	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,230	µg/L	IT
0	Nitrate as nitrogen	2,230	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	12,500	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,600	µg/L	IT
0	Sulfate	2,740	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	50,000	µg/L	IT
0	Total organic carbon	1,550	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	128	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.030	µg/L	IT

WELL FSB 99D collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<50	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	8.1	µg/L	IT
2	Gross alpha	1.9E-08±4.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.9E-08±4.0E-09	µCi/mL	IT
0	Total radium	1.8E-09±5.0E-10	µCi/mL	IT
2	Tritium	2.7E-05±3.0E-06	µCi/mL	IT

WELL FSB 99D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 — Time: 13:30
Depth to water: 76.28 ft (23.25 m) below TOC — pH: 4.5
Water elevation: 211.32 ft (64.41 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 42 gal

WELL FSB100A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91 — Time: 11:15
Depth to water: 134.89 ft (41.11 m) below TOC — pH: 7.3
Water elevation: 151.11 ft (46.06 m) msl — Alkalinity ($CaCO_3$): 55 mg/L
Sp. conductance: 196 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 145 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	IT
0	Specific conductance	186	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	38	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	23,700	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,330	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	54	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,230	µg/L	IT
0	Manganese	<10	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
1	Nitrate as nitrogen	5,330	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,870	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	13,700	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	8,800	µg/L	IT
0	Sulfate	1,830	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	154,000	µg/L	IT

ANALYTICAL RESULTS

WELL FSB100A collected on 01/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	187	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.3E-09±4.0E-10	µCi/mL	IT
2	Tritium	1.5E-04±2.0E-05	µCi/mL	IT

WELL FSB101A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91 Time: 12:30
Depth to water: 133.82 ft (40.82 m) below TOC pH: 7.4
Water elevation: 151.28 ft (46.11 m) msl Alkalinity ($CaCO_3$): 66 mg/L
Sp. conductance: 183 µS/cm Water temperature: 17.9°C
Water evacuated before sampling: 153 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	IT
0	Specific conductance	183	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	27	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	23,500	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,610	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	583	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,420	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,040	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	14,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,800	µg/L	IT
0	Sulfate	1,780	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	136,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	7.5	µg/L	IT
0	Total phosphates (as P)	120	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT

WELL FSB101A collected on 01/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.1E-09±2.0E-10	µCi/mL	IT
0	Total radium	1.1E-09±3.0E-10	µCi/mL	IT
0	Tritium	<1.0E-08	µCi/mL	IT

WELL FSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/20 Time: Not available
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	1.7E-03±9.0E-06	µCi/mL	EM

WELL FSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91 Time: 13:45
Depth to water: 5.80 ft (1.77 m) below TOC pH: 4.3
Water elevation: 195.30 ft (59.53 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 472 µS/cm Water temperature: 17.6°C
Water evacuated before sampling: 130 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	IT
2	Specific conductance	504	µS/cm	IT
2	Aluminum	1,570	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	132	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
1	Cadmium	8.1	µg/L	IT
1	Calcium	18,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,900	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
1	Cobalt	54	µg/L	IT
0	Copper	2.4	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	5.5	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
1	Magnesium	6,360	µg/L	IT
2	Manganese	1,210	µg/L	IT
0	Mercury	0.93	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	22	µg/L	IT
2	Nitrate as nitrogen	43,900	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,070	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,010	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	48,400	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	14	µg/L	IT
0	Thallium	<2.0	µg/L	IT

WELL FSB102C collected on 01/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Thallium	<2.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	352,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total phosphates (as P)	52	µg/L	IT
0	Total phosphates (as P)	52	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	7.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	47	µg/L	IT
2	Americium-241	1.1E-08±2.0E-09	µCi/mL	IT
0	Antimony-125	<4.1E-08	µCi/mL	IT
0	Cerium-141	<8.1E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cesium-134	<3.1E-08	µCi/mL	IT
0	Cesium-137	<5.6E-09	µCi/mL	IT
0	Cobalt-58	<5.4E-09	µCi/mL	IT
0	Cobalt-60	<7.5E-09	µCi/mL	IT
1	Gross alpha	1.2E-08±4.0E-09	µCi/mL	IT
0	Manganese-54	<6.5E-09	µCi/mL	IT
0	Niobium-95	<5.8E-09	µCi/mL	IT
2	Nonvolatile beta	7.3E-07±8.0E-08	µCi/mL	IT
2	Radium-226	7.6E-09±8.0E-10	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
2	Radium-228	5.8E-08±6.0E-09	µCi/mL	IT
0	Radium-228	<9.9E-08	µCi/mL	IT
0	Ruthenium-103	<5.2E-09	µCi/mL	IT
0	Ruthenium-106	<5.0E-08	µCi/mL	IT
0	Sodium-22	<6.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
2	Strontium-90	3.2E-07±4.0E-08	µCi/mL	IT
0	Thorium-232	<8.8E-09	µCi/mL	IT
0	Total activity	1.7E-03±8.8E-06	µCi/mL	EM
2	Tritium	1.6E-03±2.0E-04	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.8E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.3E-07	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91
Depth to water: 40.25 ft (12.27 m) below TOC
Water elevation: 202.15 ft (61.62 m) msl
Sp. conductance: 120 µS/cm
Water evacuated before sampling: 144 gal

Time: 14:40
pH: 5.7
Alkalinity ($CaCO_3$): 8 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	IT
0	Specific conductance	221	µS/cm	IT
0	Aluminum	25	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	35	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	25,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,350	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	3.2	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT

WELL FSB103C collected on 01/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	6.3	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	2,110	µg/L	IT
0	Manganese	20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	5.3	µg/L	IT
2	Nitrate as nitrogen	16,500	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,060	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	11,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	8,870	µg/L	IT
0	Sulfate	1,440	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	228,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	33	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	21	µg/L	IT
2	Americium-241	1.8E-08±3.0E-09	µCi/mL	IT
0	Antimony-125	<3.3E-08	µCi/mL	IT
0	Cerium-141	<6.2E-09	µCi/mL	IT
0	Cerium-144	<2.0E-07	µCi/mL	IT
0	Cesium-134	<2.2E-08	µCi/mL	IT
0	Cesium-137	<4.5E-09	µCi/mL	IT
0	Cobalt-58	<4.5E-09	µCi/mL	IT
0	Cobalt-60	<5.7E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<4.3E-09	µCi/mL	IT
0	Niobium-95	<4.3E-09	µCi/mL	IT
0	Nonvolatile beta	1.5E-08±4.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.5E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<7.4E-08	µCi/mL	IT
0	Ruthenium-103	<4.0E-09	µCi/mL	IT
0	Ruthenium-106	<3.7E-08	µCi/mL	IT
0	Sodium-22	<4.3E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<6.8E-09	µCi/mL	IT
0	Total activity	7.5E-04±6.1E-06	µCi/mL	EM
2	Tritium	8.1E-04±7.0E-05	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.8E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<9.2E-08	µCi/mL	IT
0	Zinc-65	<1.1E-08	µCi/mL	IT
0	Zirconium-95	<9.6E-09	µCi/mL	IT

WELL FSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91
Depth to water: 39.42 ft (12.02 m) below TOC
Water elevation: 202.98 ft (61.87 m) msl
Sp. conductance: 188 µS/cm
Water evacuated before sampling: 147 gal

Time: 11:50
pH: 5.5
Alkalinity ($CaCO_3$): 8 mg/L
Water temperature: 17.7°C

ANALYTICAL RESULTS

WELL FSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91 Time: 17:30
Depth to water: 18.54 ft (5.65 m) below TOC pH: 5.2
Water elevation: 200.56 ft (61.13 m) msl Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 310 µS/cm Water temperature: 15.9°C
Water evacuated before sampling: 131 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	pH	5.4	pH	IT
1	Specific conductance	332	µS/cm	IT
0	Aluminum	33	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	62	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	31,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,530	µg/L	IT
0	Chloride	2,520	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	14	µg/L	IT
0	Lead	<3.0	µg/L	IT
1	Magnesium	4,100	µg/L	IT
0	Manganese	23	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	11	µg/L	IT
2	Nitrate as nitrogen	32,400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,300	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,500	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	12,900	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	300,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	83	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	44	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
1	Nonvolatile beta	4.0E-08 ± 5.0E-09	µCi/mL	IT
0	Total activity	1.1E-03 ± 7.4E-06	µCi/mL	EM
0	Total radium	2.1E-09 ± 5.0E-10	µCi/mL	IT
2	Tritium	9.7E-04 ± 1.0E-04	µCi/mL	IT

WELL FSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91 Time: 16:35
Depth to water: 18.78 ft (5.72 m) below TOC pH: 3.4
Water elevation: 200.42 ft (61.09 m) msl Alkalinity ($CaCO_3$) 0 mg/L
Sp. conductance: 1041 µS/cm Water temperature 16.9°C
Water evacuated before sampling: 26 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.6	pH	IT
2	Specific conductance	1,020	µS/cm	IT
2	Aluminum	40,500	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	236	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
1	Cadmium	8.4	µg/L	IT
0	Calcium	2,370	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,340	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
2	Cobalt	120	µg/L	IT
0	Copper	70	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	90	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	1,830	µg/L	IT
2	Manganese	1,820	µg/L	IT
0	Mercury	0.38	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	29	µg/L	IT
2	Nitrate as nitrogen	116,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	698	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	36,000	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	72,900	µg/L	IT
0	Sulfate	1,100	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	529,000	µg/L	IT
0	Total organic carbon	1,200	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	178	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	0.26	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	1,110	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	65	µg/L	IT
2	Americium-241	9.1E-09 ± 1.0E-09	µCi/mL	IT
0	Antimony-125	<4.5E-08	µCi/mL	IT
0	Cerium-141	<8.4E-09	µCi/mL	IT
0	Cerium-144	<3.2E-07	µCi/mL	IT
0	Cesium-134	<3.4E-08	µCi/mL	IT
0	Cesium-137	<6.2E-09	µCi/mL	IT
0	Cobalt-58	<6.3E-09	µCi/mL	IT
0	Cobalt-60	8.7E-09 ± 1.3E-09	µCi/mL	IT
2	Gross alpha	5.8E-07 ± 6.0E-08	µCi/mL	IT
0	Manganese-54	<6.7E-09	µCi/mL	IT
0	Niobium-95	<6.6E-09	µCi/mL	IT
2	Nonvolatile beta	1.1E-06 ± 2.0E-07	µCi/mL	IT
2	Radium-226	3.2E-08 ± 4.0E-09	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
2	Radium-228	8.8E-08 ± 9.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<5.7E-09	µCi/mL	IT
0	Ruthenium-106	<5.6E-08	µCi/mL	IT

WELL FSB104D collected on 01/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium-22	<8.1E-09	µCi/mL	IT
0	Strontium-85	<1.0E-09	µCi/mL	IT
2	Strontium-90	3.3E-07 ± 4.0E-08	µCi/mL	IT
0	Thorium-232	<1.0E-08	µCi/mL	IT
0	Total activity	1.0E-02 ± 7.1E-05	µCi/mL	EM
2	Tritium	7.7E-03 ± 8.0E-04	µCi/mL	IT
2	Uranium-234	3.0E-08 ± 3.0E-09	µCi/mL	IT
0	Uranium-235	<4.1E-08	µCi/mL	IT
0	Uranium-235	1.4E-09 ± 4.0E-10	µCi/mL	IT
0	Uranium-238	<1.4E-07	µCi/mL	IT
2	Uranium-238	3.0E-08 ± 3.0E-09	µCi/mL	IT
0	Zinc-65	<1.7E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91 — Time: 12:55
Depth to water: 80.00 ft (24.38 m) below TOC — pH: 3.5
Water elevation: 205.80 ft (62.73 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 1388 µS/cm — Water temperature: 17.5°C
Water evacuated before sampling: 169 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.6	pH	IT
1	pH	3.6	pH	IT
2	Specific conductance	1,400	µS/cm	IT
2	Aluminum	58,500	µg/L	IT
2	Aluminum	55,400	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
1	Barium	639	µg/L	IT
1	Barium	627	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
2	Cadmium	19	µg/L	IT
2	Cadmium	19	µg/L	IT
1	Calcium	17,000	µg/L	IT
1	Calcium	17,500	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,600	µg/L	IT
0	Chloride	1,370	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
2	Cobalt	505	µg/L	IT
2	Cobalt	495	µg/L	IT
0	Copper	84	µg/L	IT
0	Copper	83	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	340	µg/L	IT
0	Fluoride	320	µg/L	IT
0	Iron	24	µg/L	IT
0	Iron	22	µg/L	IT
0	Lead	<2.0	µg/L	IT
1	Magnesium	6,720	µg/L	IT
1	Magnesium	6,570	µg/L	IT
2	Manganese	5,580	µg/L	IT
2	Manganese	5,480	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
1	Nickel	68	µg/L	IT
1	Nickel	67	µg/L	IT
2	Nitrate as nitrogen	152,000	µg/L	IT
2	Nitrate as nitrogen	152,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,760	µg/L	IT
0	Potassium	1,720	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	22,900	µg/L	IT
1	Silica	22,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT

WELL FSB105C collected on 01/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Sodium	73,000	µg/L	IT
2	Sodium	71,500	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	646,000	µg/L	IT
0	Total organic carbon	1,350	µg/L	IT
0	Total organic halogens	6.0	µg/L	IT
0	Total phosphates (as P)	109	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	189	µg/L	IT
0	Zinc	185	µg/L	IT
2	Gross alpha	3.0E-07 ± 3.0E-08	µCi/mL	IT
2	Nonvolatile beta	1.5E-08 ± 2.0E-07	µCi/mL	IT
0	Total activity	9.5E-03 ± 6.6E-05	µCi/mL	EM
2	Total radium	1.2E-07 ± 2.0E-08	µCi/mL	IT
2	Tritium	8.4E-03 ± 9.0E-04	µCi/mL	IT

WELL FSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 — Time: 12:55
Depth to water: 79.01 ft (24.08 m) below TOC — pH: 3.3
Water elevation: 206.79 ft (63.03 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 1473 µS/cm — Water temperature: 18.1°C
Water evacuated before sampling: 171 gal

WELL FSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91 — Time: 17:20
Inaccessibility or pump failure prevented sample collection.

WELL FSB105DR

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/24/91 — Time: 13:20
Depth to water: 76.49 ft (23.31 m) below TOC — pH: 3.3
Water elevation: 209.11 ft (63.74 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 2890 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.3	pH	IT
2	Specific conductance	2,940	µS/cm	IT
2	Aluminum	200,000	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	7.2	µg/L	IT
2	Barium	1,300	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	9,900	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,860	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	8.1	µg/L	IT
2	Cobalt	586	µg/L	IT
0	Copper	155	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT

ANALYTICAL RESULTS

WELL FSB105DR collected on 02/24/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	380	µg/L	IT
2	Iron	324	µg/L	IT
0	Lead	7.3	µg/L	IT
0	Magnesium	2,410	µg/L	IT
2	Manganese	19,100	µg/L	IT
0	Mercury	0.97	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
2	Nickel	155	µg/L	IT
2	Nitrate as nitrogen	102,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,130	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	54,700	µg/L	IT
0	Silver	3.9	µg/L	IT
2	Sodium	73,800	µg/L	IT
0	Sulfate	3,240	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	1.3E+06	µg/L	IT
0	Total organic carbon	3,560	µg/L	IT
0	Total organic halogens	26	µg/L	IT
0	Total phosphates (as P)	185	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	2.860	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	240	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
2	Nonvolatile beta	3.0E-08 ± 3.0E-07	µCi/mL	IT
0	Total activity	3.0E-02 ± 1.2E-04	µCi/mL	EM
2	Total radium	7.7E-08 ± 8.0E-09	µCi/mL	IT
2	Tritium	2.7E-02 ± 3.0E-03	µCi/mL	IT

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: 34.10 ft (10.39 m) below TOC
Water elevation: 201.00 ft (61.27 m) msl
Sp. conductance: 848 µS/cm
Water evacuated before sampling: 118 gal
Time: 14:50
pH: 5.1
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	IT
2	Specific conductance	842	µS/cm	IT
2	Aluminum	4,340	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	199	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
2	Cadmium	13	µg/L	IT
2	Calcium	40,900	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,130	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
1	Cobalt	89	µg/L	IT
1	Copper	5.1	µg/L	IT
	Cyanide	<5.0	µg/L	IT
	Dibromochloromethane	<5.0	µg/L	IT
	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	570	µg/L	IT
0	Iron	6.5	µg/L	IT

WELL FSB106C collected on 01/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lead	<2.0	µg/L	IT
2	Magnesium	7,650	µg/L	IT
2	Manganese	1,460	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	21	µg/L	IT
2	Nitrate as nitrogen	69,400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,280	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,200	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	58,500	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	480,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	5.4	µg/L	IT
0	Total phosphates (as P)	81	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	47	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.2E-08	µCi/mL	IT
0	Cerium-141	<8.4E-09	µCi/mL	IT
0	Cerium-144	<3.0E-07	µCi/mL	IT
0	Cesium-134	<3.2E-08	µCi/mL	IT
0	Cesium-137	<5.8E-09	µCi/mL	IT
0	Cobalt-58	<5.8E-09	µCi/mL	IT
0	Cobalt-60	<7.6E-09	µCi/mL	IT
2	Gross alpha	3.8E-08 ± 8.0E-09	µCi/mL	IT
0	Manganese-54	<6.2E-09	µCi/mL	IT
0	Niobium-95	<6.1E-09	µCi/mL	IT
2	Nonvolatile beta	1.2E-06 ± 2.0E-07	µCi/mL	IT
2	Radium-226	1.8E-08 ± 2.0E-09	µCi/mL	IT
0	Radium-226	<2.2E-08	µCi/mL	IT
2	Radium-228	7.2E-08 ± 9.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<5.2E-09	µCi/mL	IT
0	Ruthenium-106	<5.3E-08	µCi/mL	IT
0	Sodium-22	<9.3E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
2	Strontium-90	5.4E-07 ± 6.0E-08	µCi/mL	IT
0	Thorium-232	<9.8E-09	µCi/mL	IT
0	Total activity	2.3E-03 ± 1.0E-05	µCi/mL	EM
2	Tritium	2.1E-03 ± 3.0E-04	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<4.1E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.3E-07	µCi/mL	IT
0	Zinc-65	<1.6E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL FSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91
Depth to water: 33.16 ft (10.11 m) below TOC
Water elevation: 201.94 ft (61.55 m) msl
Sp. conductance: 890 µS/cm
Water evacuated before sampling: 122 gal
Time: 15:25
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.8°C

WELL FSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 138 µS/cm
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles
Time: 11:35
pH: 6.3
Alkalinity ($CaCO_3$): 50 mg/L
Water temperature: 16.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	IT
0	Specific conductance	113	µS/cm	IT
0	Aluminum	<10	µg/L	IT
2	Antimony	8.8	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	18	µg/L	IT
0	Benzene	<5.0	µg/L	IT

WELL FSB106D collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	18,600	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,240	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	48	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	17	µg/L	IT
0	Lead	4.1	µg/L	IT
0	Magnesium	692	µg/L	IT
2	Manganese	58	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nickel	48	µg/L	IT
0	Nitrate as nitrogen	440	µg/L	IT
0	Phenols	9.2	µg/L	IT
0	Potassium	543	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,830	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,830	µg/L	IT
0	Sulfate	4,210	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	65,000	µg/L	IT
0	Total organic carbon	4,290	µg/L	IT
0	Total organic halogens	18	µg/L	IT
0	Total phosphates (as P)	84	µg/L	IT
0	1,1,1-Trichloroethane	J 3.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	1,500	µg/L	IT
0	Gross alpha	<7.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.0E-08 ± 1.0E-08	µCi/mL	IT
0	Total activity	8.3E-05 ± 1.1E-05	µCi/mL	EM
1	Total radium	4.0E-09 ± 1.4E-09	µCi/mL	IT

WELL FSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 66.90 ft (20.39 m) below TOC
Water elevation: 204.00 ft (62.18 m) msl
Sp. conductance: 159 µS/cm
Water evacuated before sampling: 140 gal

Time: 17:10
pH: 6.8
Alkalinity ($CaCO_3$): 70 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	IT
0	Specific conductance	188	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	23	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	26,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,910	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT

WELL FSB107C collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	14	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,650	µg/L	IT
1	Manganese	30	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	4,680	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,210	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	5,380	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	6.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	148,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	8.5	µg/L	IT
0	Total phosphates (as P)	109	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	J 2.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	7.7	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
1	Nonvolatile beta	3.5E-08 ± 4.0E-09	µCi/mL	IT
0	Total activity	1.2E-04 ± 2.6E-06	µCi/mL	EM
0	Total radium	1.3E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	1.1E-04 ± 2.0E-05	µCi/mL	IT

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 58.52 ft (17.84 m) below TOC
Water elevation: 212.48 ft (64.76 m) msl
Sp. conductance: 590 µS/cm
Water evacuated before sampling: 30 gal

Time: 15:40
pH: 3.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.7	pH	IT
2	Specific conductance	630	µS/cm	IT
2	Aluminum	15,400	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	137	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	4.7	µg/L	IT
0	Calcium	1,560	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,820	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	19	µg/L	IT
0	Copper	24	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT

ANALYTICAL RESULTS

WELL FSB107D collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	50	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,070	µg/L	IT
2	Manganese	809	µg/L	IT
2	Mercury	3.1	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	12	µg/L	IT
2	Nitrate as nitrogen	46,300	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,240	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	17,700	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	57,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	355,000	µg/L	IT
0	Total organic carbon	1,090	µg/L	IT
0	Total organic halogens	6.5	µg/L	IT
0	Total phosphates (as P)	44	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	578	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	31	µg/L	IT
2	Gross alpha	4.6E-07 ± 5.0E-08	µCi/mL	IT
2	Nonvolatile beta	1.5E-06 ± 2.0E-07	µCi/mL	IT
0	Total activity	1.6E-04 ± 3.0E-06	µCi/mL	EM
2	Total radium	3.9E-08 ± 4.0E-09	µCi/mL	IT
2	Tritium	1.4E-03 ± 2.0E-04	µCi/mL	IT
2	Tritium	1.4E-03 ± 2.0E-04	µCi/mL	IT

WELL FSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91
Depth to water: 57.97 ft (17.67 m) below TOC
Water elevation: 213.03 ft (64.93 m) msl
Sp. conductance: 464 µS/cm
Water evacuated before sampling: 32 gal
Time: 16:35
pH: 3.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.0°C

WELL FSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: 82.90 ft (25.27 m) below TOC
Water elevation: 215.10 ft (65.56 m) msl
Sp. conductance: 68 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.
Time: 11:05
pH: 6.6
Alkalinity ($CaCO_3$): 12 mg/L
Water temperature: 17.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	IT
0	Specific conductance	68	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	18	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	7,150	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,780	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT

WELL FSB108D collected on 01/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	J 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	509	µg/L	IT
1	Manganese	33	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,810	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,920	µg/L	IT
0	Sulfate	1,700	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	35,000	µg/L	IT
0	Total organic carbon	1,060	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	32	µg/L	IT
0	Total phosphates (as P)	32	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	J 2.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	2.1E-05 ± 3.0E-06	µCi/mL	IT

WELL FSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: 81.22 ft (24.76 m) below TOC
Water elevation: 211.88 ft (64.58 m) msl
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.
Time: 11:45
pH: 6.6
Alkalinity ($CaCO_3$): 29 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	IT
0	Specific conductance	72	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	9.2	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,280	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,360	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	8.7	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT

WELL FSB109D collected on 01/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	12	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	863	µg/L	IT
0	Manganese	4.9	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	7.5	µg/L	IT
0	Nitrate as nitrogen	1,220	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,340	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,030	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	8,420	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	42,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	50	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	503	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	1.2E-09±4.0E-10	µCi/mL	IT
2	Tritium	6.9E-05±7.0E-06	µCi/mL	IT

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91
Depth to water: 33.08 ft (10.08 m) below TOC
Water elevation: 200.92 ft (61.24 m) msl
Sp. conductance: 312 µS/cm
Water evacuated before sampling: 167 gal
Time: 17:25
pH: 6.2
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	IT
1	Specific conductance	366	µS/cm	IT
0	Aluminum	24	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	81	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	32,600	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,860	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	7.6	µg/L	IT
0	Lead	<3.0	µg/L	IT

WELL FSB110C collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
1	Magnesium	4,150	µg/L	IT
2	Manganese	57	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	2.8	µg/L	IT
2	Nitrate as nitrogen	31,800	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,370	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,690	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	17,500	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	298,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	133	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	18	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
2	Nonvolatile beta	7.2E-08±8.0E-09	µCi/mL	IT
0	Total activity	1.0E-03±7.2E-06	µCi/mL	EM
1	Total radium	2.5E-09±5.0E-10	µCi/mL	IT
2	Tritium	9.4E-04±1.0E-04	µCi/mL	IT

WELL FSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91
Depth to water: 32.23 ft (9.82 m) below TOC
Water elevation: 201.77 ft (61.50 m) msl
Sp. conductance: 346 µS/cm
Water evacuated before sampling: 169 gal
Time: 15:10
pH: 6.4
Alkalinity ($CaCO_3$): 12 mg/L
Water temperature: 17.8°C

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91
Depth to water: 29.56 ft (9.01 m) below TOC
Water elevation: 204.94 ft (62.47 m) msl
Sp. conductance: 2000 µS/cm
Water evacuated before sampling: 36 gal
Time: 15:45
pH: 3.1
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.1	pH	IT
2	Specific conductance	2,680	µS/cm	IT
2	Specific conductance	2,680	µS/cm	IT
2	Aluminum	149,000	µg/L	IT
2	Aluminum	147,000	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	22	µg/L	IT
0	Barium	183	µg/L	IT
0	Barium	191	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,570	µg/L	IT
0	Calcium	1,630	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	<250	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	12	µg/L	IT
0	Chromium	12	µg/L	IT
0	Cobalt	15	µg/L	IT
0	Cobalt	15	µg/L	IT
0	Copper	94	µg/L	IT
0	Copper	98	µg/L	IT

ANALYTICAL RESULTS

WELL FSB110D collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	301	µg/L	IT
2	Iron	313	µg/L	IT
0	Lead	4.6	µg/L	IT
0	Magnesium	784	µg/L	IT
0	Magnesium	814	µg/L	IT
2	Manganese	426	µg/L	IT
2	Manganese	442	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	43	µg/L	IT
0	Nickel	45	µg/L	IT
2	Nitrate as nitrogen	154,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,400	µg/L	IT
0	Potassium	1,460	µg/L	IT
0	Selenium	<3.0	µg/L	IT
2	Silica	130,000	µg/L	GE
2	Silica	113,000	µg/L	IT
2	Silica	115,000	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	81,600	µg/L	IT
2	Sodium	84,300	µg/L	IT
0	Sulfate	18,200	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	1.1E+06	µg/L	IT
0	Total organic carbon	2,100	µg/L	IT
0	Total organic halogens	14	µg/L	IT
2	Total phosphates (as P)	588	µg/L	IT
2	Total phosphates (as P)	572	µg/L	IT
2	Total silica	145,000	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Tributyl phosphate	<10	µg/L	GE
0	Tributyl phosphate	15	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
1	Uranium	3,570	µg/L	IT
1	Uranium	3,710	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	147	µg/L	IT
0	Zinc	151	µg/L	IT
2	Americium-241	2.2E-07 ± 3.0E-08	µCi/mL	IT
0	Antimony-125	<5.0E-08	µCi/mL	IT
0	Cerium-144	<3.6E-07	µCi/mL	IT
0	Cesium-134	<3.3E-08	µCi/mL	IT
0	Cesium-137	<6.7E-09	µCi/mL	IT
0	Cobalt-58	<6.0E-09	µCi/mL	IT
0	Cobalt-60	6.2E-09 ± 1.2E-09	µCi/mL	IT
2	Gross alpha	7.8E-07 ± 8.0E-08	µCi/mL	IT
2	Gross alpha	7.6E-07 ± 8.0E-08	µCi/mL	IT
0	Manganese-54	<6.2E-09	µCi/mL	IT
0	Niobium-95	<6.5E-09	µCi/mL	IT
2	Nonvolatile beta	1.5E-06 ± 2.0E-07	µCi/mL	IT
2	Nonvolatile beta	1.5E-06 ± 2.0E-07	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
2	Radium-228	6.8E-08 ± 9.0E-09	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<5.3E-09	µCi/mL	IT
0	Ruthenium-106	<6.0E-08	µCi/mL	IT
0	Sodium-22	<7.6E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
2	Strontium-90	3.4E-07 ± 4.0E-08	µCi/mL	IT
0	Thorium-232	<1.0E-08	µCi/mL	IT
0	Total activity	3.5E-02 ± 1.3E-04	µCi/mL	EM
2	Tritium	3.0E-02 ± 3.0E-03	µCi/mL	IT
1	Uranium-234	2.1E-08 ± 3.0E-09	µCi/mL	IT
0	Uranium-235	2.0E-09 ± 4.0E-10	µCi/mL	IT
2	Uranium-235	4.9E-08 ± 5.0E-09	µCi/mL	IT
1	Uranium-238	1.8E-08 ± 2.0E-09	µCi/mL	IT
2	Uranium-238	6.7E-07 ± 7.0E-08	µCi/mL	IT
0	Zinc-65	<1.8E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT

WELL FSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 — Time: 14:25
Depth to water: 28.45 ft (8.67 m) below TOC — pH: 3.2
Water elevation: 208.05 ft (62.80 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 975 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 39 gal

WELL FSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91 — Time: 15:50
Depth to water: 65.71 ft (20.03 m) below TOC — pH: 5.7
Water elevation: 210.59 ft (64.19 m) msl — Alkalinity ($CaCO_3$): 9 mg/L
Sp. conductance: 57 µS/cm — Water temperature: 17.0°C
Water evacuated before sampling: 135 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	52	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	7.6	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5,080	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,590	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	8.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	388	µg/L	IT
0	Manganese	5.4	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,870	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,380	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,460	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	28,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	3.1	µg/L	IT
0	Total phosphates (as P)	111	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	6.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
1	Trichloroethylene	J 3.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	5.8	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	5.4E-06 ± 8.0E-07	µCi/mL	IT

WELL FSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91 Time: 16:20
Depth to water: 62.94 ft (19.18 m) below TOC pH: 4.8
Water elevation: 213.66 ft (65.12 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 29 µS/cm Water temperature: 18.1°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	IT
0	Specific conductance	29	µS/cm	IT
0	Aluminum	27	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	11	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	846	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,760	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	5.0	µg/L	IT
0	Copper	2.5	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	6.4	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	521	µg/L	IT
0	Manganese	12	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	910	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,930	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,770	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	J 1.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	11,000	µg/L	IT
0	Total organic carbon	1,070	µg/L	IT
0	Total organic halogens	7.1	µg/L	IT
0	Total phosphates (as P)	23	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<3.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	25	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	4.9E-09 ± 2.8E-09	µCi/mL	IT
0	Total radium	1.5E-09 ± 4.0E-10	µCi/mL	IT
1	Tritium	1.3E-05 ± 2.0E-06	µCi/mL	IT

WELL FSB112A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91 Time: 13:00
Depth to water: 75.40 ft (22.98 m) below TOC pH: 7.3
Water elevation: 153.70 ft (46.85 m) msl Alkalinity ($CaCO_3$): 45 mg/L
Sp. conductance: 151 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 288 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	IT
0	Specific conductance	149	µS/cm	IT
0	Aluminum	12	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	3.2	µg/L	IT
0	Barium	29	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	18,900	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,300	µg/L	IT
0	Chloride	2,260	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	402	µg/L	IT
0	Manganese	11	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,420	µg/L	IT
0	Phenols	<5.0	µg/L	IT
1	Potassium	4,200	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	30,700	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,600	µg/L	IT
0	Sulfate	11,600	µg/L	IT
0	Sulfate	11,600	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	112,000	µg/L	IT
0	Total organic carbon	1,580	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
2	Total phosphates (as P)	487	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	1.6	µg/L	IT
0	Zinc	2.8	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<2.9E-08	µCi/mL	IT
0	Cerium-141	<3.4E-09	µCi/mL	IT
0	Cerium-144	<9.1E-08	µCi/mL	IT
0	Cesium-134	<2.1E-08	µCi/mL	IT
0	Cesium-137	<4.6E-09	µCi/mL	IT
0	Cobalt-58	<4.5E-09	µCi/mL	IT
0	Cobalt-60	<5.8E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<4.3E-09	µCi/mL	IT
0	Niobium-95	<4.1E-09	µCi/mL	IT
0	Nonvolatile beta	1.5E-08 ± 4.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.2E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL FSB112A collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Radium-228	<6.5E-08	µCi/mL	IT
0	Ruthenium-103	<3.8E-09	µCi/mL	IT
0	Ruthenium-106	<3.4E-08	µCi/mL	IT
0	Sodium-22	<5.7E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
1	Strontium-90	6.2E-09±9.0E-10	µCi/mL	IT
2	Thorium-232	1.5E-08±2.0E-09	µCi/mL	IT
0	Total activity	9.2E-05±1.2E-05	µCi/mL	EM
2	Tritium	8.5E-05±9.0E-06	µCi/mL	IT
0	Uranium-234	2.3E-08±8.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.5E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.4E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<1.1E-08	µCi/mL	IT
0	Zirconium-95	<9.5E-09	µCi/mL	IT

WELL FSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91
Depth to water: 27.68 ft (8.44 m) below TOC
Water elevation: 201.42 ft (61.39 m) msl
Sp. conductance: 1382 µS/cm
Water evacuated before sampling: 191 gal

Time: 14:20
pH: 5.6
Alkalinity ($CaCO_3$): 6 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	IT
0	pH	5.8	pH	IT
2	Specific conductance	1,360	µS/cm	IT
2	Aluminum	888	µg/L	IT
2	Aluminum	860	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	471	µg/L	IT
0	Barium	461	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
2	Cadmium	20	µg/L	IT
2	Cadmium	20	µg/L	IT
2	Calcium	82,700	µg/L	IT
2	Calcium	78,900	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	4,890	µg/L	IT
0	Chloride	4,860	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
2	Cobalt	125	µg/L	IT
2	Cobalt	121	µg/L	IT
0	Copper	4.2	µg/L	IT
0	Copper	3.8	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	J 2.0	µg/L	IT
0	Fluoride	290	µg/L	IT
0	Fluoride	370	µg/L	IT
0	Iron	22	µg/L	IT
0	Iron	16	µg/L	IT
0	Lead	<3.0	µg/L	IT
2	Magnesium	25,300	µg/L	IT
2	Magnesium	23,900	µg/L	IT
2	Manganese	2,440	µg/L	IT
2	Manganese	2,370	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	48	µg/L	IT
0	Nickel	43	µg/L	IT
2	Nitrate as nitrogen	140,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
1	Potassium	5,690	µg/L	IT
1	Potassium	5,510	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,860	µg/L	IT
0	Silica	5,870	µg/L	IT

WELL FSB112C collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	117,000	µg/L	IT
2	Sodium	111,000	µg/L	IT
0	Sulfate	4,460	µg/L	IT
0	Sulfate	4,430	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	1.0E+06	µg/L	IT
0	Total organic carbon	1,830	µg/L	IT
0	Total organic halogens	9.0	µg/L	IT
0	Total phosphates (as P)	75	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	0.090	µg/L	IT
0	1,1,1-Trichloroethane	8.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	86	µg/L	IT
0	Zinc	82	µg/L	IT
0	Americium-241	<1.5E-09	µCi/mL	IT
1	Americium-241	3.5E-09±2.1E-09	µCi/mL	IT
0	Antimony-125	<5.0E-08	µCi/mL	IT
0	Cerium-141	<7.7E-09	µCi/mL	IT
0	Cerium-144	<4.6E-07	µCi/mL	IT
0	Cesium-134	<3.4E-08	µCi/mL	IT
0	Cesium-137	<6.6E-09	µCi/mL	IT
0	Cobalt-58	<6.8E-09	µCi/mL	IT
0	Cobalt-60	<8.4E-09	µCi/mL	IT
2	Gross alpha	1.1E-07±2.0E-08	µCi/mL	IT
0	Manganese-54	<6.3E-09	µCi/mL	IT
0	Niobium-95	<7.7E-09	µCi/mL	IT
2	Nonvolatile beta	1.6E-06±2.0E-07	µCi/mL	IT
2	Radium-226	7.1E-08±8.0E-09	µCi/mL	IT
2	Radium-226	7.1E-08±8.0E-09	µCi/mL	IT
2	Radium-226	6.7E-08±7.0E-09	µCi/mL	IT
2	Radium-228	1.2E-07±2.0E-08	µCi/mL	IT
2	Radium-228	1.2E-07±2.0E-08	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<5.3E-09	µCi/mL	IT
0	Ruthenium-106	<5.2E-08	µCi/mL	IT
0	Sodium-22	<7.2E-09	µCi/mL	IT
2	Strontium-89	5.8E-07±6.0E-08	µCi/mL	IT
0	Strontium-90	1.6E-09±2.0E-10	µCi/mL	IT
0	Thorium-232	<9.9E-09	µCi/mL	IT
0	Total activity	6.5E-03±5.7E-05	µCi/mL	EM
2	Tritium	5.8E-03±8.0E-04	µCi/mL	IT
0	Uranium-234	2.0E-09±4.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.5E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<3.1E-07	µCi/mL	IT
0	Zinc-65	<1.7E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT

WELL FSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91
Depth to water: 24.39 ft (7.43 m) below TOC
Water elevation: 205.21 ft (62.55 m) msl
Sp. conductance: 1843 µS/cm
Water evacuated before sampling: 55 gal

Time: 13:40
pH: 3.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.6	pH	IT
2	Specific conductance	1,880	µS/cm	IT
2	Aluminum	81,500	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	4.9	µg/L	IT
0	Arsenic	4.7	µg/L	IT
1	Barium	778	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
1	Cadmium	6.0	µg/L	IT
0	Calcium	4,500	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	830	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	5.7	µg/L	IT

WELL FSB112D collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Cobalt	306	µg/L	IT
0	Copper	110	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	18	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	624	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lead	3.1	µg/L	IT
0	Magnesium	2,290	µg/L	IT
2	Manganese	6,240	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
2	Nickel	126	µg/L	IT
2	Nitrate as nitrogen	166,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	743	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,180	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	118,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	696,000	µg/L	IT
0	Total organic carbon	1,480	µg/L	IT
0	Total organic halogens	13	µg/L	IT
0	Total organic halogens	14	µg/L	IT
0	Total phosphates (as P)	82	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	14	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	348	µg/L	IT
0	Americium-241	1.8E-09 ± 1.0E-09	µCi/mL	IT
0	Antimony-125	<8.2E-08	µCi/mL	IT
0	Cerium-141	<1.3E-08	µCi/mL	IT
0	Cerium-144	<6.8E-07	µCi/mL	IT
0	Cesium-134	<5.3E-08	µCi/mL	IT
0	Cesium-137	<1.2E-08	µCi/mL	IT
0	Cobalt-58	<1.4E-08	µCi/mL	IT
0	Cobalt-60	<1.6E-08	µCi/mL	IT
2	Gross alpha	2.9E-07 ± 3.0E-08	µCi/mL	IT
0	Manganese-54	<9.7E-09	µCi/mL	IT
0	Niobium-95	<1.4E-08	µCi/mL	IT
2	Nonvolatile beta	4.3E-08 ± 5.0E-07	µCi/mL	IT
2	Radium-226	1.6E-07 ± 2.0E-08	µCi/mL	IT
2	Radium-226	1.7E-07 ± 2.0E-08	µCi/mL	IT
2	Radium-228	4.5E-07 ± 5.0E-08	µCi/mL	IT
0	Radium-228	<2.0E-07	µCi/mL	IT
0	Ruthenium-103	<1.0E-08	µCi/mL	IT
0	Ruthenium-106	<9.1E-08	µCi/mL	IT
0	Sodium-22	<1.6E-08	µCi/mL	IT
2	Strontium-89	1.6E-08 ± 2.0E-07	µCi/mL	IT
2	Strontium-90	1.3E-07 ± 2.0E-08	µCi/mL	IT
0	Thorium-232	<1.8E-08	µCi/mL	IT
0	Total activity	1.2E-02 ± 7.5E-05	µCi/mL	EM
2	Tritium	9.4E-03 ± 1.0E-03	µCi/mL	IT
0	Uranium-234	1.2E-08 ± 2.0E-09	µCi/mL	IT
0	Uranium-235	3.1E-09 ± 7.0E-10	µCi/mL	IT
0	Uranium-235	<6.0E-08	µCi/mL	IT
0	Uranium-238	1.0E-08 ± 1.0E-09	µCi/mL	IT
0	Uranium-238	<4.7E-07	µCi/mL	IT
0	Zinc-65	<3.0E-08	µCi/mL	IT
0	Zirconium-95	<2.5E-08	µCi/mL	IT

WELL FSB113A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/10/91 Time: 16:00
Depth to water: 65.68 ft (20.02 m) below TOC pH: 11.8
Water elevation: 157.52 ft (48.01 m) msl Alkalinity ($CaCO_3$): 412 mg/L
Sp. conductance: 1741 µS/cm Water temperature: 20.8°C
Water evacuated before sampling: 202 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	IT
2	Specific conductance	1,820	µS/cm	IT
2	Aluminum	8,030	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	151	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	113,000	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	790	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	8.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	730	µg/L	IT
0	Iron	14	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	54	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	940	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	22,400	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	1,710	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	14,100	µg/L	IT
0	Sulfate	11,400	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	444,000	µg/L	IT
0	Total organic carbon	1,090	µg/L	IT
0	Total organic halogens	9.8	µg/L	IT
0	Total phosphates (as P)	34	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	2.1	µg/L	IT
0	Zinc	12	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<5.0E-08	µCi/mL	IT
0	Cerium-141	<5.8E-09	µCi/mL	IT
0	Cerium-144	<1.6E-07	µCi/mL	IT
0	Cesium-134	<3.5E-08	µCi/mL	IT
0	Cesium-137	<7.9E-09	µCi/mL	IT
0	Cobalt-58	<8.2E-09	µCi/mL	IT
0	Cobalt-60	<9.9E-09	µCi/mL	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<7.7E-09	µCi/mL	IT
0	Niobium-95	<7.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.0E-08 ± 4.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.0E-08 ± 3.0E-09	µCi/mL	IT
0	Radium-226	1.7E-09 ± 6.0E-10	µCi/mL	IT
1	Radium-226	2.4E-09 ± 8.0E-10	µCi/mL	IT
0	Radium-226	<1.9E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL FSB113A collected on 02/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<5.9E-09	µCi/mL	IT
0	Ruthenium-106	<6.1E-08	µCi/mL	IT
0	Sodium-22	<9.8E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<8.3E-09	µCi/mL	IT
0	Total activity	4.0E-05 ± 1.0E-05	µCi/mL	EM
2	Tritium	3.4E-05 ± 4.0E-06	µCi/mL	IT
0	Uranium-234	2.4E-09 ± 5.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.7E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.6E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<1.9E-08	µCi/mL	IT
0	Zirconium-95	<1.8E-08	µCi/mL	IT

WELL FSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91
Depth to water: 19.84 ft (6.05 m) below TOC
Water elevation: 203.06 ft (61.89 m) msl
Sp. conductance: 1081 µS/cm
Water evacuated before sampling: 37 gal
The well went dry during purging.

Time: 13:25
pH: 12.1
Alkalinity ($CaCO_3$): 251 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	IT
2	Specific conductance	1,050	µS/cm	IT
2	Aluminum	921	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	225	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	85,500	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,880	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	290	µg/L	IT
0	Iron	18	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	72	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,350	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,340	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,340	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	9,410	µg/L	IT
0	Sulfate	11,200	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	290,000	µg/L	IT
0	Total organic carbon	1,370	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	135	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT

WELL FSB113C collected on 02/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	2.2	µg/L	IT
0	Zinc	5.8	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.2E-08	µCi/mL	IT
0	Cerium-141	<4.6E-09	µCi/mL	IT
0	Cerium-144	<1.2E-07	µCi/mL	IT
0	Cesium-134	<2.8E-08	µCi/mL	IT
0	Cesium-137	<5.8E-09	µCi/mL	IT
0	Cobalt-58	<5.9E-09	µCi/mL	IT
0	Cobalt-60	<7.4E-09	µCi/mL	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Manganese-54	<6.4E-09	µCi/mL	IT
0	Niobium-95	<6.0E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Radium-226	1.9E-09 ± 6.0E-10	µCi/mL	IT
0	Radium-226	<1.8E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<9.1E-08	µCi/mL	IT
0	Ruthenium-103	<5.1E-09	µCi/mL	IT
0	Ruthenium-106	<4.9E-08	µCi/mL	IT
0	Sodium-22	<7.5E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	1.9E-09 ± 5.0E-10	µCi/mL	IT
2	Thorium-232	1.7E-08 ± 2.0E-09	µCi/mL	IT
0	Total activity	3.3E-06 ± 1.0E-06	µCi/mL	EM
2	Tritium	3.2E-05 ± 4.0E-06	µCi/mL	IT
0	Uranium-234	4.1E-09 ± 7.0E-10	µCi/mL	IT
0	Uranium-235	1.0E-09 ± 4.0E-10	µCi/mL	IT
0	Uranium-235	<2.1E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.2E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<1.5E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL FSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/10/91
Depth to water: 14.40 ft (4.39 m) below TOC
Water elevation: 208.10 ft (63.43 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 50 gal

Time: 15:05
pH: 4.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	Specific conductance	23	µS/cm	IT
0	Aluminum	23	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	6.7	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	714	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,950	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	3.4	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	25	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	635	µg/L	IT
0	Manganese	6.3	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,010	µg/L	IT
0	Phenols	<5.0	µg/L	IT

WELL FSB113D collected on 02/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	4,630	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,650	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	14,000	µg/L	IT
0	Total organic carbon	1,090	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	39	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	11	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<7.1E-08	µCi/mL	IT
0	Cerium-141	<1.4E-08	µCi/mL	IT
0	Cerium-144	<8.4E-07	µCi/mL	IT
0	Cesium-134	<5.6E-08	µCi/mL	IT
0	Cesium-137	<9.4E-09	µCi/mL	IT
0	Cobalt-58	<9.7E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<1.1E-08	µCi/mL	IT
0	Niobium-95	<9.3E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Radium-226	1.0E-09 ± 2.0E-10	µCi/mL	IT
0	Radium-226	<3.6E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.7E-07	µCi/mL	IT
0	Ruthenium-103	<9.2E-09	µCi/mL	IT
0	Ruthenium-106	<7.9E-08	µCi/mL	IT
0	Sodium-22	<1.3E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.4E-08	µCi/mL	IT
0	Total activity	1.4E-05 ± 9.5E-06	µCi/mL	EM
0	Tritium	9.3E-08 ± 1.0E-08	µCi/mL	IT
0	Uranium-234	2.0E-09 ± 4.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<6.4E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<4.7E-07	µCi/mL	IT
0	Zinc-65	<2.4E-08	µCi/mL	IT
0	Zirconium-95	<2.4E-08	µCi/mL	IT

WELL FSB114A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 — Time: 14:15
Depth to water: 97.50 ft (29.72 m) below TOC — pH: 10.0
Water elevation: 154.50 ft (47.09 m) msl — Alkalinity ($CaCO_3$): 88 mg/L
Sp. conductance: 200 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 314 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.4	pH	IT
0	Specific conductance	139	µS/cm	IT
2	Aluminum	319	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	4.3	µg/L	IT
0	Barium	43	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	22,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,640	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT

WELL FSB114A collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	19	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	490	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,210	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	12,100	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	11,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	6,570	µg/L	IT
0	Sulfate	2,010	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	77,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
2	Total phosphates (as P)	516	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	4.4	µg/L	IT
0	Zinc	3.4	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<5.6E-08	µCi/mL	IT
0	Cerium-141	<1.2E-08	µCi/mL	IT
0	Cerium-144	<3.7E-07	µCi/mL	IT
0	Cesium-134	<4.5E-08	µCi/mL	IT
0	Cesium-137	<6.3E-09	µCi/mL	IT
0	Cobalt-58	<8.7E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<7.8E-09	µCi/mL	IT
0	Niobium-95	<8.5E-09	µCi/mL	IT
0	Nonvolatile beta	1.2E-08 ± 4.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.6E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.8E-07	µCi/mL	IT
0	Ruthenium-103	<7.3E-09	µCi/mL	IT
0	Ruthenium-106	<7.0E-08	µCi/mL	IT
0	Sodium-22	<1.3E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Strontium-90	1.3E-09 ± 2.0E-10	µCi/mL	IT
0	Thorium-232	<1.3E-08	µCi/mL	IT
0	Total activity	4.8E-06 ± 9.4E-06	µCi/mL	EM
0	Tritium	2.0E-06 ± 2.0E-07	µCi/mL	IT
0	Uranium-234	2.4E-09 ± 5.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<5.5E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.8E-07	µCi/mL	IT
0	Zinc-65	<2.0E-08	µCi/mL	IT
0	Zirconium-95	<2.2E-08	µCi/mL	IT

WELL FSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 — Time: 13:50
Depth to water: 40.58 ft (12.37 m) below TOC — pH: 5.5
Water elevation: 211.61 ft (64.50 m) msl — Alkalinity ($CaCO_3$): 9 mg/L
Sp. conductance: 59 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 142 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	53	µS/cm	IT
2	Aluminum	428	µg/L	IT
2	Aluminum	356	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	23	µg/L	IT

ANALYTICAL RESULTS

WELL FSB114C collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Barium	23	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,290	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,310	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	414	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	504	µg/L	IT
1	Manganese	26	µg/L	IT
1	Manganese	26	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,950	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	585	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,580	µg/L	IT
0	Silica	9,630	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,340	µg/L	IT
0	Sulfate	1,730	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	28,000	µg/L	IT
0	Total organic carbon	1,110	µg/L	IT
0	Total organic halogens	5.2	µg/L	IT
0	Total phosphates (as P)	14	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	34	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.2E-08	µCi/mL	IT
0	Cerium-141	<8.0E-09	µCi/mL	IT
0	Cerium-144	<3.8E-07	µCi/mL	IT
0	Cesium-134	<3.2E-08	µCi/mL	IT
0	Cesium-137	<5.5E-09	µCi/mL	IT
0	Cobalt-58	<5.7E-09	µCi/mL	IT
0	Cobalt-60	<7.2E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<5.3E-09	µCi/mL	IT
0	Niobium-95	<5.6E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.2E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<9.7E-08	µCi/mL	IT
0	Ruthenium-103	<5.6E-09	µCi/mL	IT
0	Ruthenium-106	<5.0E-08	µCi/mL	IT
0	Sodium-22	<6.6E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<8.8E-09	µCi/mL	IT
0	Total activity	6.6E-06 ± 9.6E-06	µCi/mL	EM
0	Tritium	3.3E-06 ± 4.0E-07	µCi/mL	IT

WELL FSB114C collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Uranium-234	4.1E-09 ± 9.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.7E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<2.6E-07	µCi/mL	IT
0	Zinc-65	<1.6E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL FSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: 36.98 ft (11.27 m) below TOC
Water elevation: 215.22 ft (65.60 m) msl
Sp. conductance: 49 µS/cm
Water evacuated before sampling: 47 gal

Time: 14:50
pH: 5.0
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	48	µS/cm	IT
0	Aluminum	16	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	8.2	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	878	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,500	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	4.1	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	9.5	µg/L	IT
0	Lead	3.1	µg/L	IT
0	Magnesium	358	µg/L	IT
1	Manganese	33	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	3.5	µg/L	IT
0	Nitrate as nitrogen	2,120	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	610	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,870	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	6,120	µg/L	IT
0	Sulfate	1,170	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	27,000	µg/L	IT
0	Total organic carbon	1,420	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	5.2	µg/L	IT
0	Total phosphates (as P)	15	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	J 4.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	31	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<3.6E-08	µCi/mL	IT
0	Cerium-141	<4.1E-09	µCi/mL	IT
0	Cerium-144	<1.1E-07	µCi/mL	IT
0	Cesium-134	<2.6E-08	µCi/mL	IT

WELL FSB114D collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cesium-137	<5.4E-09	µCi/mL	IT
0	Cobalt-58	<5.2E-09	µCi/mL	IT
0	Cobalt-60	<7.2E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<5.2E-09	µCi/mL	IT
0	Niobium-95	<4.5E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.3E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<7.7E-08	µCi/mL	IT
0	Ruthenium-103	<4.4E-09	µCi/mL	IT
0	Ruthenium-106	<4.2E-08	µCi/mL	IT
0	Sodium-22	<6.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
2	Thorium-232	1.6E-08 ± 2.0E-09	µCi/mL	IT
0	Total activity	1.9E-05 ± 9.9E-06	µCi/mL	EM
1	Tritium	1.4E-05 ± 2.0E-06	µCi/mL	IT
0	Uranium-234	4.3E-09 ± 8.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.8E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.5E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.1E-08	µCi/mL	IT

WELL FSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91
Depth to water: 23.09 ft (7.04 m) below TOC
Water elevation: 184.71 ft (56.30 m) msl
Sp. conductance: 54 µS/cm
Water evacuated before sampling: 29 gal
The well went dry during purging.

Time: 15:35
pH: 6.3
Alkalinity ($CaCO_3$): 14 mg/L
Water temperature: 17.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	IT
0	Specific conductance	47	µS/cm	IT
0	Aluminum	11	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	9.2	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,120	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,410	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	27	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	271	µg/L	IT
0	Manganese	6.6	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	550	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,820	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,870	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,610	µg/L	IT
0	Sulfate	4,660	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT

WELL FSB115C collected on 02/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	51,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	207	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	11	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<5.8E-08	µCi/mL	IT
0	Cerium-141	<1.1E-08	µCi/mL	IT
0	Cerium-144	<5.0E-07	µCi/mL	IT
0	Cesium-134	<4.5E-08	µCi/mL	IT
0	Cesium-137	<7.2E-09	µCi/mL	IT
0	Cobalt-58	<7.5E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<7.1E-09	µCi/mL	IT
0	Niobium-95	<7.3E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.8E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.4E-07	µCi/mL	IT
0	Ruthenium-103	<7.6E-09	µCi/mL	IT
0	Ruthenium-106	<7.0E-08	µCi/mL	IT
0	Sodium-22	<8.9E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.2E-08	µCi/mL	IT
0	Total activity	-8.5E-07 ± 9.6E-07	µCi/mL	EM
0	Tritium	7.6E-06 ± 8.0E-07	µCi/mL	IT
0	Uranium-234	5.2E-09 ± 7.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<4.9E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<3.8E-07	µCi/mL	IT
0	Zinc-65	<2.2E-08	µCi/mL	IT
0	Zirconium-95	<1.8E-08	µCi/mL	IT

WELL FSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91
Depth to water: 16.43 ft (5.01 m) below TOC
Water elevation: 192.07 ft (58.54 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 26 gal

Time: 14:15
pH: 5.0
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 17.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	IT
0	Specific conductance	15	µS/cm	IT
0	Aluminum	12	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	8.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,090	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,650	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	23	µg/L	IT

ANALYTICAL RESULTS

WELL FSB115D collected on 02/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	IT
0	Magnesium	289	µg/L	IT
1	Manganese	43	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	4.1	µg/L	IT
0	Nitrate as nitrogen	150	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,150	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,110	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	14,000	µg/L	IT
0	Total organic carbon	1,000	µg/L	IT
0	Total organic halogens	6.0	µg/L	IT
1	Total phosphates (as P)	260	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	23	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<5.4E-08	µCi/mL	IT
0	Cerium-141	<6.0E-09	µCi/mL	IT
0	Cerium-144	<1.6E-07	µCi/mL	IT
0	Cesium-134	<4.1E-08	µCi/mL	IT
0	Cesium-137	<7.5E-09	µCi/mL	IT
0	Cobalt-58	<6.0E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
1	Gross alpha	7.6E-09±3.0E-09	µCi/mL	IT
0	Manganese-54	<7.0E-09	µCi/mL	IT
0	Niobium-95	<6.9E-09	µCi/mL	IT
0	Nonvolatile beta	8.8E-09±3.5E-09	µCi/mL	IT
0	Radium-226	1.6E-09±6.0E-10	µCi/mL	IT
0	Radium-226	<2.0E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<6.6E-09	µCi/mL	IT
0	Ruthenium-106	<8.1E-08	µCi/mL	IT
0	Sodium-22	<9.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
2	Thorium-232	1.4E-08±2.0E-09	µCi/mL	IT
0	Total activity	1.0E-06±9.9E-07	µCi/mL	EM
1	Tritium	1.4E-05±2.0E-06	µCi/mL	IT
0	Uranium-234	5.0E-09±6.0E-10	µCi/mL	IT
0	Uranium-235	1.3E-09±3.0E-10	µCi/mL	IT
0	Uranium-235	<2.5E-08	µCi/mL	IT
0	Uranium-238	1.0E-09±3.0E-10	µCi/mL	IT
2	Uranium-238	4.4E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<2.1E-08	µCi/mL	IT
0	Zirconium-95	<1.7E-08	µCi/mL	IT

WELL FSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/10/91
Depth to water: 13.05 ft (3.98 m) below TOC
Water elevation: 188.45 ft (57.75 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 77 gal

Time: 17:00
pH: 5.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	IT
0	Specific conductance	23	µS/cm	IT
0	Aluminum	22	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.9	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,440	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,950	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT

WELL FSB116C collected on 02/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	40	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	387	µg/L	IT
0	Manganese	12	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	3.9	µg/L	IT
0	Nitrate as nitrogen	1,100	µg/L	IT
0	Nitrate as nitrogen	1,080	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,320	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,830	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	22,000	µg/L	IT
0	Total organic carbon	1,080	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	29	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	10	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<5.4E-08	µCi/mL	IT
0	Cerium-141	<6.0E-09	µCi/mL	IT
0	Cerium-144	<1.6E-07	µCi/mL	IT
0	Cesium-134	<3.6E-08	µCi/mL	IT
0	Cesium-137	<7.5E-09	µCi/mL	IT
0	Cobalt-58	<8.8E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<8.0E-09	µCi/mL	IT
0	Niobium-95	<7.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.0E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<6.8E-09	µCi/mL	IT
0	Ruthenium-106	<5.7E-08	µCi/mL	IT
0	Sodium-22	<9.8E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
2	Thorium-232	1.5E-08±3.0E-09	µCi/mL	IT
0	Total activity	2.6E-05±9.8E-06	µCi/mL	EM
1	Tritium	1.3E-05±2.0E-06	µCi/mL	IT
0	Uranium-234	3.2E-09±6.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.7E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.4E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<2.0E-08	µCi/mL	IT
0	Zirconium-95	<1.7E-08	µCi/mL	IT

WELL FSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 — Time: 15:00
Depth to water: 10.62 ft (3.24 m) below TOC — pH: 5.1
Water elevation: 192.28 ft (58.61 m) msl — Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 93 µS/cm — Water temperature: 16.4°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	Specific conductance	46	µS/cm	IT
0	Aluminum	12	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	11	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,400	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,130	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	6.8	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	50	µg/L	IT
0	Lead	4.8	µg/L	IT
0	Magnesium	558	µg/L	IT
1	Manganese	33	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	20	µg/L	IT
0	Nitrate as nitrogen	940	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,990	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	11,800	µg/L	IT
0	Sulfate	9,250	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	42,000	µg/L	IT
0	Total organic carbon	2,780	µg/L	IT
0	Total organic halogens	8.9	µg/L	IT
2	Total phosphates (as P)	990	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	88	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<7.1E-08	µCi/mL	IT
0	Cerium-141	<1.4E-08	µCi/mL	IT
0	Cerium-144	<8.4E-07	µCi/mL	IT
0	Cesium-134	<5.2E-08	µCi/mL	IT
0	Cesium-137	<9.5E-09	µCi/mL	IT
0	Cobalt-58	<9.9E-09	µCi/mL	IT
0	Cobalt-60	<1.2E-08	µCi/mL	IT
1	Gross alpha	1.2E-08 ± 4.0E-09	µCi/mL	IT
0	Manganese-54	<8.9E-09	µCi/mL	IT
0	Niobium-95	<8.8E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Radium-226	1.6E-09 ± 7.0E-10	µCi/mL	IT
0	Radium-226	<3.7E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.8E-07	µCi/mL	IT
0	Ruthenium-103	<9.4E-09	µCi/mL	IT
0	Ruthenium-106	<8.4E-08	µCi/mL	IT

WELL FSB116D collected on 02/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium-22	<1.3E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.4E-08	µCi/mL	IT
0	Total activity	1.3E-06 ± 1.0E-06	µCi/mL	EM
1	Tritium	1.5E-05 ± 2.0E-06	µCi/mL	IT
0	Uranium-234	4.1E-09 ± 8.0E-10	µCi/mL	IT
0	Uranium-235	1.3E-09 ± 4.0E-10	µCi/mL	IT
0	Uranium-235	<6.2E-08	µCi/mL	IT
0	Uranium-238	1.0E-09 ± 4.0E-10	µCi/mL	IT
0	Uranium-238	<4.6E-07	µCi/mL	IT
0	Zinc-65	<2.6E-08	µCi/mL	IT
0	Zirconium-95	<2.1E-08	µCi/mL	IT

WELL FSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91 — Time: 12:05
Depth to water: 25.81 ft (7.87 m) below TOC — pH: 3.4
Water elevation: 204.89 ft (62.45 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 1400 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.5	pH	IT
2	Specific conductance	1,380	µS/cm	IT
2	Aluminum	72,200	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	2.8	µg/L	IT
0	Barium	373	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	4.1	µg/L	IT
0	Calcium	3,010	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,900	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	27	µg/L	IT
0	Copper	38	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	323	µg/L	IT
0	Lead	11	µg/L	IT
0	Magnesium	2,720	µg/L	IT
2	Manganese	1,620	µg/L	IT
0	Mercury	0.27	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	27	µg/L	IT
2	Nitrate as nitrogen	140,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	19,500	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	60,600	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	537,000	µg/L	IT
0	Total organic carbon	1,680	µg/L	IT
0	Total organic halogens	10	µg/L	IT
0	Total phosphates (as P)	109	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	780	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	92	µg/L	IT

ANALYTICAL RESULTS

WELL FSB117D collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Americium-241	<1.6E-09	µCi/mL	IT
0	Antimony-125	<4.1E-08	µCi/mL	IT
0	Cerium-141	<6.8E-09	µCi/mL	IT
0	Cerium-144	<4.4E-07	µCi/mL	IT
0	Cesium-134	<3.2E-08	µCi/mL	IT
0	Cesium-137	<5.8E-09	µCi/mL	IT
0	Cobalt-58	<5.9E-09	µCi/mL	IT
0	Cobalt-60	<7.3E-09	µCi/mL	IT
2	Gross alpha	6.4E-07±7.0E-08	µCi/mL	IT
0	Manganese-54	<5.4E-09	µCi/mL	IT
0	Niobium-95	<6.5E-09	µCi/mL	IT
2	Nonvolatile beta	1.5E-08±2.0E-07	µCi/mL	IT
2	Radium-226	9.1E-08±1.0E-08	µCi/mL	IT
2	Radium-226	6.6E-08±7.0E-09	µCi/mL	IT
2	Radium-228	1.0E-07±1.0E-08	µCi/mL	IT
0	Radium-228	<9.8E-08	µCi/mL	IT
0	Ruthenium-103	<4.8E-09	µCi/mL	IT
0	Ruthenium-106	<4.9E-08	µCi/mL	IT
0	Sodium-22	<7.1E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
2	Strontium-90	4.5E-07±5.0E-08	µCi/mL	IT
0	Thorium-232	<9.3E-09	µCi/mL	IT
0	Total activity	1.3E-02±7.8E-05	µCi/mL	EM
2	Tritium	1.1E-02±2.0E-03	µCi/mL	IT
2	Uranium-234	9.5E-08±1.0E-08	µCi/mL	IT
0	Uranium-235	9.1E-09±1.4E-09	µCi/mL	IT
0	Uranium-235	<3.3E-08	µCi/mL	IT
2	Uranium-238	9.8E-08±1.0E-08	µCi/mL	IT
2	Uranium-238	6.4E-07±7.0E-08	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL FSB118D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/10/91 Time: 13:50
Depth to water: 32.26 ft (9.83 m) below TOC pH: 5.7
Water elevation: 211.04 ft (64.33 m) msl Alkalinity ($CaCO_3$): 22 mg/L
Sp. conductance: 59 µS/cm Water temperature: 18.7°C
Water evacuated before sampling: 66 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	IT
0	Specific conductance	48	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	51	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,810	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,810	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	24	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	492	µg/L	IT
1	Manganese	35	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	3.8	µg/L	IT
0	Nitrate as nitrogen	1,100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,220	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,500	µg/L	IT

WELL FSB118D collected on 02/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	J 1.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	40,000	µg/L	IT
0	Total organic carbon	1,320	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	23	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	J 7.0	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	25	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<7.8E-08	µCi/mL	IT
0	Cerium-141	<1.3E-08	µCi/mL	IT
0	Cerium-144	<8.3E-07	µCi/mL	IT
0	Cesium-134	<5.2E-08	µCi/mL	IT
0	Cesium-137	<9.8E-09	µCi/mL	IT
0	Cobalt-58	<9.3E-09	µCi/mL	IT
0	Cobalt-60	<1.3E-08	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<8.9E-09	µCi/mL	IT
0	Niobium-95	<9.7E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<3.7E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.8E-07	µCi/mL	IT
0	Ruthenium-103	<9.9E-09	µCi/mL	IT
0	Ruthenium-106	<9.2E-08	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.5E-08	µCi/mL	IT
0	Total activity	1.6E-05±9.5E-06	µCi/mL	EM
1	Tritium	1.2E-05±2.0E-06	µCi/mL	IT
0	Uranium-234	3.7E-09±7.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<6.4E-08	µCi/mL	IT
0	Uranium-238	1.1E-09±4.0E-10	µCi/mL	IT
0	Uranium-238	<4.7E-07	µCi/mL	IT
0	Zinc-65	<3.1E-08	µCi/mL	IT
0	Zirconium-95	<2.3E-08	µCi/mL	IT

WELL FSB119D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 Time: 15:50
Depth to water: 46.51 ft (14.18 m) below TOC pH: 3.1
Water elevation: 207.59 ft (63.27 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 1369 µS/cm Water temperature: 22.6°C
Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	IT
2	Specific conductance	1,340	µS/cm	IT
2	Aluminum	60,000	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	2.0	µg/L	IT
0	Barium	355	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
2	Cadmium	11	µg/L	IT
0	Calcium	7,390	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,680	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	16	µg/L	IT
1	Cobalt	44	µg/L	IT
0	Copper	86	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT

WELL FSB119D collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	982	µg/L	IT
0	Lead	14	µg/L	IT
1	Magnesium	5,020	µg/L	IT
2	Manganese	1,300	µg/L	IT
0	Mercury	0.25	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
1	Nickel	63	µg/L	IT
2	Nitrate as nitrogen	140,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	723	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	25,300	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	83,500	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	648,000	µg/L	IT
0	Total organic carbon	1,170	µg/L	IT
0	Total organic carbon	1,350	µg/L	IT
0	Total organic halogens	12	µg/L	IT
2	Total phosphates (as P)	739	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	1,200	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	387	µg/L	IT
0	Americium-241	1.7E-09±6.0E-10	µCi/mL	IT
0	Antimony-125	<9.5E-08	µCi/mL	IT
0	Cerium-141	<8.0E-09	µCi/mL	IT
0	Cerium-144	<4.9E-07	µCi/mL	IT
0	Cesium-134	<3.6E-08	µCi/mL	IT
0	Cesium-137	<6.6E-09	µCi/mL	IT
0	Cobalt-58	<7.0E-09	µCi/mL	IT
0	Cobalt-60	<9.0E-09	µCi/mL	IT
2	Gross alpha	7.2E-07±8.0E-08	µCi/mL	IT
0	Manganese-54	<6.2E-09	µCi/mL	IT
0	Niobium-95	<7.3E-09	µCi/mL	IT
2	Nonvolatile beta	2.0E-06±2.0E-07	µCi/mL	IT
2	Radium-226	5.7E-08±6.0E-09	µCi/mL	IT
2	Radium-228	5.0E-08±5.0E-09	µCi/mL	IT
2	Radium-228	9.5E-08±1.0E-08	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<5.7E-09	µCi/mL	IT
0	Ruthenium-106	<5.9E-08	µCi/mL	IT
0	Sodium-22	<7.6E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
2	Strontium-90	5.4E-07±6.0E-08	µCi/mL	IT
0	Thorium-232	<9.8E-09	µCi/mL	IT
0	Total activity	1.3E-02±7.7E-05	µCi/mL	EM
2	Tritium	1.2E-02±2.0E-03	µCi/mL	IT
2	Uranium-234	1.7E-07±2.0E-08	µCi/mL	IT
1	Uranium-235	2.7E-08±4.0E-09	µCi/mL	IT
0	Uranium-235	<3.8E-08	µCi/mL	IT
2	Uranium-238	2.1E-07±3.0E-08	µCi/mL	IT
2	Uranium-238	8.5E-07±9.0E-08	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL FSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 Time: 13:55
Depth to water: 132.83 ft (40.49 m) below TOC pH: 10.5
Water elevation: 147.27 ft (44.89 m) msl Alkalinity ($CaCO_3$): 93 mg/L
Sp. conductance: 212 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 384 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	IT
0	Specific conductance	186	µS/cm	IT
2	Aluminum	1,320	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	31	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	27,800	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT

WELL FSB120A collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloride	2,230	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	2.8	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	9.9	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	191	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,320	µg/L	IT
0	Phenols	<5.0	µg/L	IT
1	Potassium	4,990	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,600	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	5,550	µg/L	IT
0	Sulfate	1,450	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	93,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
2	Total phosphates (as P)	467	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	2.8	µg/L	IT
0	Zinc	2.9	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<5.4E-08	µCi/mL	IT
0	Cerium-141	<6.1E-09	µCi/mL	IT
0	Cerium-144	<1.6E-07	µCi/mL	IT
0	Cesium-134	<3.8E-08	µCi/mL	IT
0	Cesium-137	<7.6E-09	µCi/mL	IT
0	Cobalt-58	<8.1E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<6.8E-09	µCi/mL	IT
0	Niobium-95	<6.9E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
2	Radium-226	1.2E-08±2.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<6.2E-09	µCi/mL	IT
0	Ruthenium-106	<6.2E-08	µCi/mL	IT
0	Sodium-22	<1.0E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
2	Thorium-232	1.3E-08±2.0E-09	µCi/mL	IT
0	Total activity	8.3E-05±1.1E-05	µCi/mL	EM
2	Tritium	6.8E-05±7.0E-06	µCi/mL	IT
0	Uranium-234	3.0E-09±6.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.6E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.6E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<2.0E-08	µCi/mL	IT
0	Zirconium-95	<1.6E-08	µCi/mL	IT

ANALYTICAL RESULTS

WELL FSB120C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91
Depth to water: 75.55 ft (23.03 m) below TOC
Water elevation: 204.15 ft (62.23 m) msl
Sp. conductance: 433 µS/cm
Water evacuated before sampling: 178 gal
Time: 17:00
pH: 5.5
Alkalinity ($CaCO_3$): 4 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
1	Specific conductance	427	µS/cm	IT
1	Aluminum	160	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	102	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	21,800	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,180	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	12	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	10	µg/L	IT
0	Lead	<3.0	µg/L	IT
2	Magnesium	8,550	µg/L	IT
2	Manganese	230	µg/L	IT
0	Mercury	0.23	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	11	µg/L	IT
1	Nitrate as nitrogen	5,230	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,370	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,470	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	31,200	µg/L	IT
0	Sulfate	5,030	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	273,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	13	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	65	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.8E-08	µCi/mL	IT
0	Cerium-141	<9.2E-09	µCi/mL	IT
0	Cerium-144	<4.3E-07	µCi/mL	IT
0	Cesium-134	<3.7E-08	µCi/mL	IT
0	Cesium-137	<7.0E-08	µCi/mL	IT
0	Cobalt-58	<8.4E-09	µCi/mL	IT
0	Cobalt-60	<8.7E-09	µCi/mL	IT
2	Gross alpha	1.6E-08 ± 4.0E-09	µCi/mL	IT
0	Manganese-54	<8.3E-09	µCi/mL	IT
0	Niobium-95	<8.7E-09	µCi/mL	IT
2	Nonvolatile beta	5.0E-08 ± 5.0E-09	µCi/mL	IT
2	Radium-226	9.4E-09 ± 1.0E-09	µCi/mL	IT
0	Radium-226	<2.5E-08	µCi/mL	IT
0	Radium-228	1.4E-09 ± 5.0E-10	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<8.3E-09	µCi/mL	IT
0	Ruthenium-106	<5.7E-08	µCi/mL	IT

WELL FSB120C collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium-22	<7.3E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	2.2E-09 ± 8.0E-10	µCi/mL	IT
0	Thorium-232	<9.6E-09	µCi/mL	IT
0	Total activity	1.8E-03 ± 3.1E-05	µCi/mL	EM
2	Tritium	1.5E-03 ± 2.0E-04	µCi/mL	IT
0	Uranium-234	5.1E-09 ± 1.0E-09	µCi/mL	IT
0	Uranium-235	1.1E-09 ± 4.0E-10	µCi/mL	IT
0	Uranium-235	<4.2E-08	µCi/mL	IT
0	Uranium-238	1.7E-09 ± 6.0E-10	µCi/mL	IT
0	Uranium-238	<3.1E-07	µCi/mL	IT
0	Zinc-65	<1.9E-08	µCi/mL	IT
0	Zirconium-95	<1.8E-08	µCi/mL	IT

WELL FSB120D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91
Depth to water: 73.00 ft (22.25 m) below TOC
Water elevation: 207.50 ft (63.25 m) msl
Sp. conductance: 197 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.
Time: 12:40
pH: 9.1
Alkalinity ($CaCO_3$): 70 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.3	pH	IT
0	Specific conductance	203	µS/cm	IT
0	Aluminum	109	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	17	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	6,530	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,890	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	2.9	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	16	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	556	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,230	µg/L	IT
0	Nitrate as nitrogen	1,220	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	8,340	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	22,500	µg/L	IT
0	Sulfate	10,400	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	106,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	5.9	µg/L	IT
0	Total phosphates (as P)	93	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	0.13	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT

WELL FSB120D collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Vanadium	<1.0	µg/L	IT
0	Zinc	7.0	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<7.6E-08	µCi/mL	IT
0	Cerium-141	<1.4E-08	µCi/mL	IT
0	Cerium-144	<8.8E-07	µCi/mL	IT
0	Cesium-134	<5.5E-08	µCi/mL	IT
0	Cesium-137	<9.9E-09	µCi/mL	IT
0	Cobalt-58	<1.0E-08	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<9.2E-09	µCi/mL	IT
0	Niobium-95	<9.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.5E-08±4.0E-09	µCi/mL	IT
0	Radium-226	1.6E-09±6.0E-10	µCi/mL	IT
0	Radium-226	<3.9E-08	µCi/mL	IT
0	Radium-228	2.2E-09±7.0E-10	µCi/mL	IT
0	Radium-228	<1.7E-07	µCi/mL	IT
0	Ruthenium-103	<9.4E-09	µCi/mL	IT
0	Ruthenium-106	<7.9E-08	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	3.6E-09±8.0E-10	µCi/mL	IT
0	Thorium-232	<1.5E-08	µCi/mL	IT
0	Total activity	1.7E-05±9.6E-06	µCi/mL	EM
1	Tritium	1.7E-05±2.0E-06	µCi/mL	IT
0	Uranium-234	3.1E-09±6.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<6.6E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<4.8E-07	µCi/mL	IT
0	Zinc-65	<2.7E-08	µCi/mL	IT
0	Zirconium-95	<2.5E-08	µCi/mL	IT

WELL FSB121C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 — Time: 15:10
Depth to water: 53.52 ft (16.31 m) below TOC — pH: 5.4
Water elevation: 202.98 ft (61.87 m) msl — Alkalinity ($CaCO_3$): 6 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 144 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	IT
0	Specific conductance	31	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	11	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,360	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,620	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	2.7	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	15	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	328	µg/L	IT
0	Manganese	24	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	420	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	897	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,840	µg/L	IT

WELL FSB121C collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silver	<2.5	µg/L	IT
0	Sodium	3,330	µg/L	IT
0	Sulfate	1,410	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	25,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	29	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	38	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<8.7E-08	µCi/mL	IT
0	Cerium-141	<1.3E-08	µCi/mL	IT
0	Cerium-144	<8.1E-07	µCi/mL	IT
0	Cesium-134	<5.4E-08	µCi/mL	IT
0	Cesium-137	<9.8E-09	µCi/mL	IT
0	Cobalt-58	<8.8E-09	µCi/mL	IT
0	Cobalt-60	<1.2E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<8.9E-09	µCi/mL	IT
0	Niobium-95	<8.9E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<3.7E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.5E-07	µCi/mL	IT
0	Ruthenium-103	<9.0E-09	µCi/mL	IT
0	Ruthenium-106	<7.7E-08	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.4E-08	µCi/mL	IT
0	Total activity	4.7E-05±1.0E-05	µCi/mL	EM
2	Tritium	4.7E-05±5.0E-06	µCi/mL	IT
0	Uranium-234	5.3E-09±1.4E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<8.0E-08	µCi/mL	IT
0	Uranium-238	1.8E-09±8.0E-10	µCi/mL	IT
0	Uranium-238	<4.5E-07	µCi/mL	IT
0	Zinc-65	<2.1E-08	µCi/mL	IT
0	Zirconium-95	<2.2E-08	µCi/mL	IT

WELL FSB122C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91 — Time: 15:05
Depth to water: 18.50 ft (5.64 m) below TOC — pH: 4.6
Water elevation: 199.50 ft (60.81 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 662 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 105 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	IT
2	Specific conductance	623	µS/cm	IT
2	Aluminum	632	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	152	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	33,000	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,690	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	13	µg/L	IT
0	Copper	3.1	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT

ANALYTICAL RESULTS

WELL FSB122C collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	380	µg/L	IT
0	Iron	13	µg/L	IT
0	Lead	<3.0	µg/L	IT
2	Magnesium	15,100	µg/L	IT
2	Manganese	265	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	17	µg/L	IT
2	Nitrate as nitrogen	72,400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,070	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,890	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	53,400	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<2.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	490,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	161	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	114	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<5.9E-08	µCi/mL	IT
0	Cerium-141	<1.2E-08	µCi/mL	IT
0	Cerium-144	<3.8E-07	µCi/mL	IT
0	Cesium-134	<4.9E-08	µCi/mL	IT
0	Cesium-137	<8.2E-09	µCi/mL	IT
0	Cobalt-58	<7.2E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
1	Gross alpha	1.3E-08±3.0E-09	µCi/mL	IT
0	Manganese-54	<7.8E-09	µCi/mL	IT
0	Niobium-95	<8.5E-09	µCi/mL	IT
2	Nonvolatile beta	1.2E-07±2.0E-08	µCi/mL	IT
2	Radium-226	1.0E-08±1.0E-09	µCi/mL	IT
0	Radium-226	<2.8E-08	µCi/mL	IT
0	Radium-228	2.0E-09±6.0E-10	µCi/mL	IT
0	Radium-228	<1.4E-07	µCi/mL	IT
0	Ruthenium-103	<7.0E-09	µCi/mL	IT
0	Ruthenium-106	<7.4E-08	µCi/mL	IT
0	Sodium-22	<9.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.3E-08	µCi/mL	IT
0	Total activity	2.7E-03±3.8E-05	µCi/mL	EM
2	Tritium	2.3E-03±3.0E-04	µCi/mL	IT
0	Uranium-234	6.4E-09±1.3E-09	µCi/mL	IT
0	Uranium-235	1.3E-09±8.0E-10	µCi/mL	IT
0	Uranium-235	<5.4E-08	µCi/mL	IT
0	Uranium-238	2.7E-09±9.0E-10	µCi/mL	IT
0	Uranium-238	<1.7E-07	µCi/mL	IT
0	Zinc-65	<1.9E-08	µCi/mL	IT
0	Zirconium-95	<1.8E-08	µCi/mL	IT

WELL FSB122D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91
Depth to water: 13.66 ft (4.16 m) below TOC
Water elevation: 203.94 ft (62.16 m) msl
Sp. conductance: 74 µS/cm
Water evacuated before sampling: 48 gal

Time: 15:35
pH: 5.5
Alkalinity ($CaCO_3$): 5 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	IT
0	Specific conductance	66	µS/cm	IT
0	Aluminum	20	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	23	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,980	µg/L	IT

WELL FSB122D collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,840	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	20	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,660	µg/L	IT
0	Manganese	22	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
1	Nitrate as nitrogen	5,560	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	583	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,690	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	5,970	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	35,000	µg/L	IT
0	Total organic carbon	1,090	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	19	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<6.8E-08	µCi/mL	IT
0	Cerium-141	<1.2E-08	µCi/mL	IT
0	Cerium-144	<4.0E-07	µCi/mL	IT
0	Cesium-134	<4.7E-08	µCi/mL	IT
0	Cesium-137	<1.0E-08	µCi/mL	IT
0	Cobalt-58	<1.1E-08	µCi/mL	IT
0	Cobalt-60	<8.9E-09	µCi/mL	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Manganese-54	<8.6E-09	µCi/mL	IT
0	Niobium-95	<9.3E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<3.1E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.5E-07	µCi/mL	IT
0	Ruthenium-103	<7.1E-09	µCi/mL	IT
0	Ruthenium-106	<8.3E-08	µCi/mL	IT
0	Sodium-22	<1.3E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.4E-08	µCi/mL	IT
0	Total activity	4.0E-04±1.7E-05	µCi/mL	EM
2	Tritium	3.2E-04±4.0E-05	µCi/mL	IT
0	Uranium-234	1.1E-09±3.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<5.8E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.4E-07	µCi/mL	IT
0	Zinc-65	<1.7E-08	µCi/mL	IT
0	Zirconium-95	<1.7E-08	µCi/mL	IT

WELL FSB123C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/10/91 Time: 12:55
Depth to water: 28.63 ft (8.73 m) below TOC pH: 5.8
Water elevation: 209.47 ft (63.85 m) msl Alkalinity ($CaCO_3$): 15 mg/L
Sp. conductance: 84 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 144 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	23	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	55	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	8,370	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,530	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	15	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	804	µg/L	IT
0	Manganese	17	µg/L	IT
0	Mercury	0.22	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	3,420	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	586	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,780	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	74,000	µg/L	IT
0	Total organic carbon	1,720	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	219	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	55	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<7.4E-08	µCi/mL	IT
0	Cerium-141	<1.4E-08	µCi/mL	IT
0	Cerium-144	<6.6E-07	µCi/mL	IT
0	Cesium-134	<5.4E-08	µCi/mL	IT
0	Cesium-137	<1.2E-08	µCi/mL	IT
0	Cobalt-58	<1.0E-08	µCi/mL	IT
0	Cobalt-60	<1.3E-08	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<9.3E-09	µCi/mL	IT
0	Niobium-95	<1.0E-08	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<3.8E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.7E-07	µCi/mL	IT
0	Ruthenium-103	<1.0E-08	µCi/mL	IT
0	Ruthenium-106	<9.0E-08	µCi/mL	IT

WELL FSB123C collected on 02/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium-22	<1.2E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.8E-08	µCi/mL	IT
0	Total activity	-3.6E-07 ± 9.2E-08	µCi/mL	EM
0	Tritium	2.9E-06 ± 3.0E-07	µCi/mL	IT
0	Uranium-234	2.4E-09 ± 5.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<6.2E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<4.8E-07	µCi/mL	IT
0	Zinc-65	<2.8E-08	µCi/mL	IT
0	Zirconium-95	<2.2E-08	µCi/mL	IT

WELL FSB123D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/10/91 Time: 13:20
Depth to water: 25.86 ft (7.88 m) below TOC pH: 4.8
Water elevation: 212.24 ft (64.69 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 42 µS/cm Water temperature: 18.4°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	pH	5.3	pH	IT
0	Specific conductance	37	µS/cm	IT
0	Specific conductance	37	µS/cm	IT
0	Aluminum	38	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	11	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	842	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,420	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	3.9	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	33	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	539	µg/L	IT
0	Manganese	18	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,980	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,620	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,350	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Thallium	<3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	30,000	µg/L	IT
0	Total dissolved solids	31,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	12	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT

ANALYTICAL RESULTS

WELL FSB123D collected on 02/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Uranium	<75	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	27	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.6E-08	µCi/mL	IT
0	Cerium-141	<5.8E-09	µCi/mL	IT
0	Cerium-144	<1.6E-07	µCi/mL	IT
0	Cesium-134	<3.7E-08	µCi/mL	IT
0	Cesium-137	<7.5E-09	µCi/mL	IT
0	Cobalt-58	<8.0E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<7.9E-09	µCi/mL	IT
0	Niobium-95	<6.8E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.2E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<8.4E-09	µCi/mL	IT
0	Ruthenium-106	<6.4E-08	µCi/mL	IT
0	Sodium-22	<9.3E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
2	Thorium-232	1.2E-08±2.0E-09	µCi/mL	IT
0	Total activity	1.2E-05±9.5E-06	µCi/mL	EM
1	Tritium	1.0E-05±1.0E-06	µCi/mL	IT
0	Uranium-234	1.6E-09±4.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.6E-09	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.4E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<2.2E-09	µCi/mL	IT
0	Zirconium-95	<1.6E-08	µCi/mL	IT

WELL FSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91
Depth to water: 43.07 ft (13.13 m) below TOC
Water elevation: 222.93 ft (67.95 m) msl
Sp. conductance: 85 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 12:50
pH: 5.9
Alkalinity ($CaCO_3$): 28 mg/L
Water temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	71	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	24,000	µg/L	GE
0	Chloride	2,280	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	7.2	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Manganese	2.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	630	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,800	µg/L	GE
0	Sulfate	1,310	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	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.3E-05±5.0E-07	µCi/mL	GE

WELL FSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91
Depth to water: 39.00 ft (11.89 m) below TOC
Water elevation: 222.60 ft (67.85 m) msl
Sp. conductance: 119 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 12:35
pH: 5.3
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	32	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,200	µg/L	GE
0	Chloride	2,850	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	130	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	2,300	µg/L	GE
2	Manganese	270	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	8.5	µg/L	GE
0	Nitrate as nitrogen	780	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	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	11,000	µg/L	GE
0	Sulfate	28,200	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 phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	2.2E-09±2.9E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	2.0E-04±3.2E-06	µCi/mL	EM
0	Total radium	2.2E-09±2.9E-09	µCi/mL	GE
2	Tritium	2.2E-04±2.1E-06	µCi/mL	GE

WELL FSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91
Depth to water: 37.77 ft (11.51 m) below TOC
Water elevation: 220.43 ft (67.19 m) msl
Sp. conductance: 51 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 12:20
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.6°C

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	15	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Chloride	3,420	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	8.5	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	Iron	73	µg/L	GE
1	Lead	29	µg/L	GE
0	Magnesium	860	µg/L	GE
2	Manganese	82	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	590	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	680	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,200	µg/L	GE
0	Sulfate	15,600	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE

WELL FSS 3D collected on 02/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.6E-05 ± 9.0E-07	µCi/mL	GE

WELL FSS 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91 Time: 13:10
Depth to water: 74.62 ft (22.74 m) below TOC pH: 4.8
Water elevation: 217.18 ft (66.20 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 51 µS/cm Water temperature: 17.0°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Chloride	4,190	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	24	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	86	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	800	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	2,190	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	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,500	µg/L	GE
0	Sulfate	5,060	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	6.4E-06 ± 4.0E-07	µCi/mL	GE

WELL FTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 9:25
The well was dry.

WELL FTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 9:30
The well was dry.

WELL FTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 9:35
Depth to water: 59.00 ft (17.98 m) below TOC pH: 6.2
Water elevation: 221.00 ft (67.36 m) msl
Sp. conductance: 146 µS/cm Water temperature: 32.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	IT
0	pH	6.5	pH	IT
0	Specific conductance	139	µS/cm	IT
0	Specific conductance	139	µS/cm	IT
0	Nitrate as nitrogen	110	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Sodium	3,940	µg/L	IT
2	Gross alpha	1.2E-07 ± 4.0E-08	µCi/mL	IT
0	Gross alpha	5.9E-09 ± 2.5E-09	µCi/mL	EM
2	Nonvolatile beta	6.4E-08 ± 2.4E-08	µCi/mL	IT
0	Nonvolatile beta	1.0E-08 ± 2.2E-09	µCi/mL	EM
1	Total radium	3.6E-09 ± 1.0E-09	µCi/mL	IT
0	Tritium	5.4E-06 ± 6.0E-07	µCi/mL	IT
0	Tritium	8.2E-06 ± 7.9E-07	µCi/mL	EM

WELL FTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 9:45
Depth to water: 58.50 ft (17.22 m) below TOC pH: 7.0
Water elevation: 222.00 ft (67.67 m) msl
Sp. conductance: 75 µS/cm Water temperature: 26.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	IT
0	Specific conductance	76	µS/cm	IT
0	Nitrate as nitrogen	270	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Sodium	3,640	µg/L	IT
2	Gross alpha	5.1E-08 ± 7.0E-09	µCi/mL	IT
0	Gross alpha	1.4E-09 ± 1.1E-09	µCi/mL	EM
1	Nonvolatile beta	3.9E-08 ± 5.0E-09	µCi/mL	IT
0	Nonvolatile beta	4.9E-09 ± 1.4E-09	µCi/mL	EM
2	Total radium	6.4E-08 ± 7.0E-09	µCi/mL	IT
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	IT
0	Tritium	1.4E-06 ± 8.3E-07	µCi/mL	EM

WELL FTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 10:00
Depth to water: 54.80 ft (16.70 m) below TOC
Water elevation: 222.50 ft (67.82 m) msl
The well pumped dry before all field parameters were collected.

WELL FTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 10:10
The well was dry.

WELL FTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 10:15
Depth to water: 58.50 ft (17.83 m) below TOC pH: 6.8
Water elevation: 221.50 ft (67.51 m) msl
Sp. conductance: 134 µS/cm Water temperature: 37.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	IT
0	Specific conductance	115	µS/cm	IT
0	Nitrate as nitrogen	160	µg/L	IT
0	Nitrite as nitrogen	<400	µg/L	IT
0	Sodium	5,150	µg/L	IT
2	Gross alpha	2.2E-08 ± 5.0E-09	µCi/mL	IT

WELL FTF 7 collected on 02/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.8E-09 ± 2.1E-09	µCi/mL	EM
2	Nonvolatile beta	1.2E-06 ± 2.0E-07	µCi/mL	IT
2	Nonvolatile beta	4.6E-07 ± 4.4E-08	µCi/mL	EM
2	Total radium	3.1E-08 ± 4.0E-09	µCi/mL	IT
0	Tritium	6.1E-06 ± 7.0E-07	µCi/mL	IT
0	Tritium	6.2E-06 ± 7.9E-07	µCi/mL	EM

WELL FTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 10:25
The well was dry.

WELL FTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 10:30
The well was dry.

WELL FTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 10:40
The well was dry.

WELL FTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 12:15
The well was dry.

WELL FTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 10:35
Depth to water: 44.70 ft (13.62 m) below TOC pH: 11.6
Water elevation: 227.00 ft (69.19 m) msl
Sp. conductance: 1640 µS/cm Water temperature: 24.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	IT
0	Specific conductance	1.6	µS/cm	IT
0	Nitrate as nitrogen	2,040	µg/L	IT
0	Nitrite as nitrogen	< 400	µg/L	IT
0	Sodium	6,590	µg/L	IT
2	Gross alpha	1.5E-08 ± 4.0E-09	µCi/mL	IT
0	Gross alpha	-7.8E-11 ± 6.6E-09	µCi/mL	EM
1	Nonvolatile beta	4.4E-08 ± 8.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.1E-08 ± 1.4E-08	µCi/mL	EM
1	Total radium	4.0E-09 ± 7.0E-10	µCi/mL	IT
1	Tritium	1.3E-05 ± 2.0E-06	µCi/mL	IT
1	Tritium	1.5E-05 ± 1.0E-06	µCi/mL	EM

WELL FTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 Time: 9:20
The well was dry.

WELL FTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 14:20
The well was dry.

WELL FTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 Time: 9:00
Depth to water: 64.00 ft (19.51 m) below TOC pH: 6.1
Water elevation: 222.50 ft (67.82 m) msl
Sp. conductance: 48 µS/cm Water temperature: 17.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.9	pH	IT
1	pH	3.9	pH	IT
0	Specific conductance	98	µS/cm	IT
0	Specific conductance	95	µS/cm	IT
0	Nitrate as nitrogen	3,190	µg/L	IT
0	Nitrite as nitrogen	< 400	µg/L	IT
0	Sodium	4,220	µg/L	IT
2	Gross alpha	2.6E-08 ± 5.0E-09	µCi/mL	IT
0	Gross alpha	2.1E-09 ± 1.2E-09	µCi/mL	EM
0	Nonvolatile beta	2.4E-08 ± 4.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.1E-09 ± 1.0E-09	µCi/mL	EM
2	Total radium	8.4E-09 ± 1.0E-09	µCi/mL	IT
0	Tritium	7.9E-06 ± 8.0E-07	µCi/mL	IT
0	Tritium	9.4E-06 ± 8.8E-07	µCi/mL	EM

WELL FTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 Time: 9:25
Depth to water: 68.20 ft (20.79 m) below TOC pH: 5.1
Water elevation: 220.40 ft (67.18 m) msl
Sp. conductance: 40 µS/cm Water temperature: 19.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	IT
0	Specific conductance	41	µS/cm	IT
0	Nitrate as nitrogen	2,080	µg/L	IT
0	Nitrite as nitrogen	< 400	µg/L	IT
0	Sodium	3,060	µg/L	IT
2	Gross alpha	5.8E-08 ± 7.0E-09	µCi/mL	IT
0	Gross alpha	1.3E-09 ± 9.9E-10	µCi/mL	EM
2	Nonvolatile beta	6.7E-08 ± 7.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.2E-09 ± 8.9E-10	µCi/mL	EM
2	Total radium	7.4E-09 ± 9.0E-10	µCi/mL	IT
0	Tritium	6.7E-08 ± 7.0E-07	µCi/mL	IT
0	Tritium	7.4E-06 ± 8.2E-07	µCi/mL	EM

WELL FTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 Time: 9:45
Depth to water: 69.80 ft (21.28 m) below TOC pH: 5.1
Water elevation: 219.80 ft (67.00 m) msl
Sp. conductance: 34 µS/cm Water temperature: 19.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	IT
0	Specific conductance	40	µS/cm	IT
0	Nitrate as nitrogen	1,830	µg/L	IT
0	Nitrite as nitrogen	< 400	µg/L	IT
0	Sodium	5,140	µg/L	IT
2	Gross alpha	5.2E-08 ± 7.0E-09	µCi/mL	IT
0	Gross alpha	2.0E-09 ± 1.2E-09	µCi/mL	EM
1	Nonvolatile beta	4.2E-08 ± 6.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.7E-09 ± 9.6E-10	µCi/mL	EM
2	Total radium	9.1E-09 ± 1.2E-09	µCi/mL	IT
0	Tritium	6.4E-06 ± 7.0E-07	µCi/mL	IT
0	Tritium	6.4E-06 ± 8.0E-07	µCi/mL	EM

WELL FTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 13:15
Depth to water: 67.30 ft (20.51 m) below TOC pH: 5.6
Water elevation: 220.70 ft (67.27 m) msl
Sp. conductance: 51 µS/cm Water temperature: 23.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	40	µS/cm	IT
0	Nitrate as nitrogen	1,380	µg/L	IT
0	Nitrite as nitrogen	< 400	µg/L	IT
0	Sodium	4,150	µg/L	IT
2	Gross alpha	1.7E-08 ± 4.0E-09	µCi/mL	IT
0	Gross alpha	1.6E-09 ± 1.1E-09	µCi/mL	EM
0	Nonvolatile beta	8.5E-09 ± 4.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.7E-09 ± 9.6E-10	µCi/mL	EM
2	Total radium	1.3E-08 ± 2.0E-09	µCi/mL	IT
0	Tritium	3.9E-06 ± 4.0E-07	µCi/mL	IT
0	Tritium	5.1E-06 ± 7.6E-07	µCi/mL	EM

WELL FTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 13:15
Depth to water: 67.30 ft (20.51 m) below TOC pH: 5.6
Water elevation: 220.70 ft (67.27 m) msl
Sp. conductance: 51 µS/cm Water temperature: 23.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	4.2E-08 ± 6.0E-09	µCi/mL	IT
0	Gross alpha	1.4E-09 ± 8.2E-10	µCi/mL	EM
1	Nonvolatile beta	3.9E-08 ± 6.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.7E-09 ± 9.6E-10	µCi/mL	EM
0	Tritium	4.0E-06 ± 4.0E-07	µCi/mL	IT
0	Tritium	4.1E-06 ± 6.6E-07	µCi/mL	EM

WELL FTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 Time: 10:00
Depth to water: 67.50 ft (20.57 m) below TOC pH: 5.3
Water elevation: 219.70 ft (66.97 m) msl
Sp. conductance: 58 µS/cm Water temperature: 25.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	47	µS/cm	IT
0	Nitrate as nitrogen	1,880	µg/L	IT
0	Nitrite as nitrogen	< 400	µg/L	IT
0	Sodium	6,800	µg/L	IT
2	Gross alpha	5.0E-08 ± 7.0E-09	µCi/mL	IT
0	Gross alpha	7.1E-10 ± 8.0E-10	µCi/mL	EM
2	Nonvolatile beta	6.8E-08 ± 7.0E-09	µCi/mL	IT
0	Nonvolatile beta	6.3E-09 ± 1.5E-09	µCi/mL	EM
2	Total radium	8.3E-09 ± 1.1E-09	µCi/mL	IT
0	Tritium	5.3E-06 ± 6.0E-07	µCi/mL	IT
0	Tritium	4.7E-06 ± 7.3E-07	µCi/mL	EM

WELL FTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 Time: 10:20
Depth to water: 67.40 ft (20.54 m) below TOC pH: 5.5
Water elevation: 219.70 ft (66.97 m) msl
Sp. conductance: 67 µS/cm Water temperature: 26.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.5	pH	IT
0	Specific conductance	145	µS/cm	IT
0	Nitrate as nitrogen	1,280	µg/L	IT
0	Nitrite as nitrogen	< 400	µg/L	IT
0	Sodium	7,580	µg/L	IT
2	Gross alpha	6.2E-08 ± 8.0E-09	µCi/mL	IT
0	Gross alpha	3.0E-09 ± 1.5E-09	µCi/mL	EM

WELL FTF 20 collected on 02/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Nonvolatile beta	6.3E-08 ± 7.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.2E-09 ± 1.0E-09	µCi/mL	EM
2	Total radium	6.9E-09 ± 9.0E-10	µCi/mL	IT
0	Tritium	6.1E-06 ± 7.0E-07	µCi/mL	IT
0	Tritium	6.4E-06 ± 8.3E-07	µCi/mL	EM

WELL FTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 Time: 13:30
Depth to water: 61.00 ft (18.59 m) below TOC pH: 12.4
Water elevation: 226.50 ft (69.04 m) msl
Sp. conductance: 4780 µS/cm Water temperature: 25.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	IT
2	Specific conductance	4,380	µS/cm	IT
0	Nitrate as nitrogen	170	µg/L	IT
0	Nitrite as nitrogen	< 400	µg/L	IT
1	Sodium	38,900	µg/L	IT
1	Sodium	38,800	µg/L	IT
0	Gross alpha	< 3.0E-09	µCi/mL	IT
1	Gross alpha	8.4E-09 ± 1.1E-08	µCi/mL	EM
1	Nonvolatile beta	3.3E-08 ± 6.0E-09	µCi/mL	IT
2	Nonvolatile beta	6.4E-08 ± 1.5E-08	µCi/mL	EM
1	Total radium	3.5E-09 ± 5.0E-10	µCi/mL	IT
0	Tritium	7.2E-06 ± 8.0E-07	µCi/mL	IT
0	Tritium	8.2E-06 ± 8.8E-07	µCi/mL	EM

WELL FTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 Time: 10:45
Depth to water: 67.00 ft (20.42 m) below TOC pH: 5.6
Water elevation: 219.80 ft (67.00 m) msl
Sp. conductance: 49 µS/cm Water temperature: 25.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	IT
0	Specific conductance	54	µS/cm	IT
0	Nitrate as nitrogen	1,580	µg/L	IT
0	Nitrite as nitrogen	< 400	µg/L	IT
0	Sodium	6,140	µg/L	IT
2	Gross alpha	2.3E-08 ± 5.0E-09	µCi/mL	IT
0	Gross alpha	2.2E-09 ± 1.3E-09	µCi/mL	EM
1	Nonvolatile beta	2.5E-08 ± 5.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.4E-09 ± 1.0E-09	µCi/mL	EM
2	Total radium	6.8E-09 ± 7.0E-10	µCi/mL	IT
0	Tritium	7.9E-06 ± 8.0E-07	µCi/mL	IT
0	Tritium	8.9E-06 ± 8.7E-07	µCi/mL	EM

WELL FTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 13:40
Depth to water: 65.20 ft (19.87 m) below TOC pH: 5.3
Water elevation: 220.80 ft (67.30 m) msl
Sp. conductance: 86 µS/cm Water temperature: 26.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.5	pH	IT
0	Specific conductance	54	µS/cm	IT
0	Nitrate as nitrogen	2,760	µg/L	IT
0	Nitrite as nitrogen	< 400	µg/L	IT
0	Sodium	5,610	µg/L	IT
1	Gross alpha	1.3E-08 ± 4.0E-09	µCi/mL	IT
0	Gross alpha	5.1E-09 ± 1.9E-09	µCi/mL	EM
0	Nonvolatile beta	1.1E-08 ± 4.0E-09	µCi/mL	IT
0	Nonvolatile beta	5.5E-09 ± 1.4E-09	µCi/mL	EM
2	Total radium	5.3E-09 ± 8.0E-10	µCi/mL	IT
0	Tritium	7.5E-06 ± 8.0E-07	µCi/mL	IT
0	Tritium	9.3E-06 ± 8.8E-07	µCi/mL	EM

ANALYTICAL RESULTS

WELL FTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 — Time: 13:40
Depth to water: 65.20 ft (19.87 m) below TOC — pH: 5.3
Water elevation: 220.80 ft (67.30 m) msl
Sp. conductance: 66 µS/cm — Water temperature: 26.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	1.8E-08 ± 4.0E-09	µCi/mL	IT
0	Gross alpha	5.7E-09 ± 1.7E-09	µCi/mL	EM
0	Nonvolatile beta	1.8E-08 ± 4.0E-09	µCi/mL	IT
0	Nonvolatile beta	3.8E-09 ± 1.3E-09	µCi/mL	EM
0	Tritium	7.9E-06 ± 8.0E-07	µCi/mL	IT
0	Tritium	8.4E-06 ± 8.2E-07	µCi/mL	EM

WELL FTF 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 — Time: 12:20
Depth to water: 50.20 ft (15.30 m) below TOC — pH: 6.9
Water elevation: 220.10 ft (67.09 m) msl
Sp. conductance: 104 µS/cm — Water temperature: 26.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	IT
0	Specific conductance	91	µS/cm	IT
0	Nitrate as nitrogen	2,170	µg/L	IT
0	Nitrite as nitrogen	< 400	µg/L	IT
0	Sodium	11,800	µg/L	IT
0	Antimony-125	< 1.3E-07	µCi/mL	EM
0	Cerium-144	< 3.2E-07	µCi/mL	EM
0	Cesium-134	< 4.1E-08	µCi/mL	EM
0	Cesium-137	< 5.0E-08	µCi/mL	EM
0	Chromium-51	< 1.8E-06	µCi/mL	EM
0	Cobalt-60	< 4.1E-08	µCi/mL	EM
2	Gross alpha	6.0E-08 ± 8.0E-09	µCi/mL	IT
0	Gross alpha	9.4E-10 ± 1.1E-09	µCi/mL	EM
0	Iodine-131	< 9.4E-06	µCi/mL	EM
0	Niobium-95	< 1.5E-07	µCi/mL	EM
1	Nonvolatile beta	4.7E-08 ± 5.0E-09	µCi/mL	IT
2	Nonvolatile beta	6.4E-08 ± 7.1E-09	µCi/mL	EM
0	Ruthenium-103	< 1.1E-07	µCi/mL	EM
0	Ruthenium-106	< 4.2E-07	µCi/mL	EM
2	Total radium	4.6E-08 ± 5.0E-09	µCi/mL	IT
1	Tritium	1.8E-05 ± 2.0E-06	µCi/mL	IT
2	Tritium	2.1E-05 ± 1.2E-06	µCi/mL	EM
0	Zirconium-95	< 1.4E-07	µCi/mL	EM

WELL FTF 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 — Time: 13:00
Depth to water: 50.50 ft (15.39 m) below TOC — pH: 6.1
Water elevation: 220.70 ft (67.27 m) msl
Sp. conductance: 98 µS/cm — Water temperature: 27.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	Specific conductance	91	µS/cm	IT
0	Nitrate as nitrogen	2,440	µg/L	IT
0	Nitrite as nitrogen	< 400	µg/L	IT
0	Sodium	8,570	µg/L	IT
0	Antimony-125	< 6.4E-08	µCi/mL	EM
0	Cerium-144	< 1.7E-07	µCi/mL	EM
0	Cesium-134	< 2.4E-08	µCi/mL	EM
0	Cesium-137	< 2.5E-08	µCi/mL	EM
0	Chromium-51	< 8.5E-07	µCi/mL	EM
0	Cobalt-60	< 2.2E-08	µCi/mL	EM
2	Gross alpha	7.9E-08 ± 1.0E-08	µCi/mL	IT
0	Gross alpha	7.8E-10 ± 8.9E-10	µCi/mL	EM
0	Iodine-131	< 4.7E-06	µCi/mL	EM
0	Niobium-95	< 6.8E-08	µCi/mL	EM
1	Nonvolatile beta	4.8E-08 ± 6.0E-09	µCi/mL	IT
0	Nonvolatile beta	8.8E-09 ± 1.6E-09	µCi/mL	EM
0	Ruthenium-103	< 6.4E-08	µCi/mL	EM
0	Ruthenium-106	< 2.2E-07	µCi/mL	EM
2	Total radium	6.7E-08 ± 7.0E-09	µCi/mL	IT
0	Tritium	6.6E-06 ± 7.0E-07	µCi/mL	IT
0	Tritium	7.5E-06 ± 8.2E-07	µCi/mL	EM
0	Zirconium-95	< 7.4E-08	µCi/mL	EM

WELL FTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 — Time: 12:45
Depth to water: 50.20 ft (15.30 m) below TOC — pH: 5.5
Water elevation: 220.70 ft (67.27 m) msl
Sp. conductance: 171 µS/cm — Water temperature: 26.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	IT
0	Specific conductance	182	µS/cm	IT
1	Nitrate as nitrogen	7,790	µg/L	IT
0	Nitrite as nitrogen	< 400	µg/L	IT
0	Sodium	6,580	µg/L	IT
0	Antimony-125	< 2.1E-07	µCi/mL	EM
0	Cerium-144	< 5.3E-07	µCi/mL	EM
0	Cesium-134	< 6.8E-08	µCi/mL	EM
0	Cesium-137	< 8.7E-08	µCi/mL	EM
0	Chromium-51	< 2.1E-05	µCi/mL	EM
0	Cobalt-60	< 9.0E-08	µCi/mL	EM
2	Gross alpha	9.1E-08 ± 1.0E-08	µCi/mL	IT
2	Gross alpha	1.6E-08 ± 4.2E-09	µCi/mL	EM
0	Iodine-131	< 1.6E-02	µCi/mL	EM
0	Niobium-95	< 1.2E-06	µCi/mL	EM
1	Nonvolatile beta	4.1E-08 ± 5.0E-09	µCi/mL	IT
1	Nonvolatile beta	2.6E-08 ± 3.8E-09	µCi/mL	EM
0	Ruthenium-103	< 8.0E-07	µCi/mL	EM
0	Ruthenium-106	< 7.7E-07	µCi/mL	EM
2	Total radium	3.3E-08 ± 4.0E-09	µCi/mL	IT
1	Tritium	1.4E-05 ± 2.0E-06	µCi/mL	IT
1	Tritium	1.6E-05 ± 1.0E-06	µCi/mL	EM
0	Zirconium-95	< 5.6E-07	µCi/mL	EM

WELL FTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 — Time: 12:35
Depth to water: 50.00 ft (15.24 m) below TOC — pH: 7.2
Water elevation: 220.50 ft (67.21 m) msl
Sp. conductance: 127 µS/cm — Water temperature: 26.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	IT
0	Specific conductance	121	µS/cm	IT
0	Nitrate as nitrogen	1,550	µg/L	IT
0	Nitrite as nitrogen	< 400	µg/L	IT
0	Sodium	10,600	µg/L	IT
0	Antimony-125	< 1.8E-07	µCi/mL	EM
0	Cerium-144	< 4.8E-07	µCi/mL	EM
0	Cesium-134	< 6.6E-08	µCi/mL	EM
0	Cesium-137	< 7.1E-08	µCi/mL	EM
0	Chromium-51	< 3.1E-06	µCi/mL	EM
0	Cobalt-60	< 7.8E-08	µCi/mL	EM
2	Gross alpha	1.0E-07 ± 1.0E-08	µCi/mL	IT
0	Gross alpha	1.1E-10 ± 5.9E-10	µCi/mL	EM
0	Iodine-131	< 3.5E-05	µCi/mL	EM
0	Niobium-95	< 2.6E-07	µCi/mL	EM
1	Nonvolatile beta	4.5E-08 ± 5.0E-09	µCi/mL	IT
0	Nonvolatile beta	5.8E-09 ± 1.5E-09	µCi/mL	EM
0	Ruthenium-103	< 2.2E-07	µCi/mL	EM
0	Ruthenium-106	< 6.8E-07	µCi/mL	EM
2	Total radium	9.4E-08 ± 1.0E-08	µCi/mL	IT
0	Tritium	8.4E-06 ± 9.0E-07	µCi/mL	IT
1	Tritium	1.0E-05 ± 9.1E-07	µCi/mL	EM
0	Zirconium-95	< 2.5E-07	µCi/mL	EM

WELL GBW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 — Time: 8:20
Depth to water: 70.11 ft (21.37 m) below TOC — pH: 5.4
Water elevation: 283.49 ft (80.31 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 14 µS/cm — Water temperature: 14.5°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	IT
0	Specific conductance	11	µS/cm	IT
0	Arsenic	< 2.0	µg/L	IT
0	Barium	17	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	Cadmium	< 1.5	µg/L	IT
0	Calcium	210	µg/L	IT
0	Chloride	1,730	µg/L	IT

WELL GBW 1 collected on 03/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	50	µg/L	IT
0	Lead	5.1	µg/L	IT
0	Magnesium	128	µg/L	IT
0	Manganese	6.1	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	5,260	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	934	µg/L	IT
0	Sulfate	1,360	µg/L	IT
0	Total dissolved solids	12,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	11	µg/L	IT
0	Total phosphates (as P)	45	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	6.1E-09±2.3E-09	µCi/mL	IT
0	Nonvolatile beta	1.1E-08±3.0E-09	µCi/mL	IT
0	Total radium	1.5E-09±5.0E-10	µCi/mL	IT
0	Tritium	1.1E-06±2.0E-07	µCi/mL	IT

WELL H 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 10:00
Depth to water: 16.40 ft (5.00 m) below TOC pH: 6.9
Water elevation: 225.90 ft (68.86 m) msl
Sp. conductance: 132 µS/cm Water temperature: 15.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	5.3E-10±5.2E-10	µCi/mL	EM
0	Nonvolatile beta	4.8E-09±1.5E-09	µCi/mL	EM
2	Tritium	5.9E-04±1.8E-05	µCi/mL	EM

WELL H 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 11:00
Depth to water: 14.60 ft (4.45 m) below TOC pH: 7.0
Water elevation: 225.50 ft (68.73 m) msl
Sp. conductance: 20 µS/cm Water temperature: 18.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	4.2E-10±4.1E-10	µCi/mL	EM
0	Nonvolatile beta	4.2E-09±1.4E-09	µCi/mL	EM
2	Tritium	2.4E-05±1.2E-06	µCi/mL	EM

WELL H 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 10:50
Depth to water: 14.60 ft (4.45 m) below TOC pH: 7.3
Water elevation: 226.90 ft (69.16 m) msl
Sp. conductance: 32 µS/cm Water temperature: 16.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.5E-10±3.5E-10	µCi/mL	EM
0	Nonvolatile beta	2.8E-09±1.2E-09	µCi/mL	EM
2	Tritium	3.1E-05±1.4E-06	µCi/mL	EM

WELL H 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 10:40
Depth to water: 6.50 ft (1.98 m) below TOC pH: 7.1
Water elevation: 238.80 ft (72.18 m) msl
Sp. conductance: 20 µS/cm Water temperature: 16.2°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	-9.2E-11±1.6E-10	µCi/mL	EM
0	Nonvolatile beta	1.0E-09±8.7E-10	µCi/mL	EM
2	Tritium	3.4E-05±1.4E-06	µCi/mL	EM

WELL H 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 10:30
Depth to water: 13.40 ft (4.08 m) below TOC pH: 6.9
Water elevation: 226.10 ft (68.92 m) msl
Sp. conductance: 54 µS/cm Water temperature: 15.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	8.5E-10±5.6E-10	µCi/mL	EM
0	Nonvolatile beta	3.7E-09±1.3E-09	µCi/mL	EM
2	Tritium	2.3E-05±1.2E-06	µCi/mL	EM

WELL H 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 10:20
Depth to water: 21.80 ft (6.64 m) below TOC pH: 7.4
Water elevation: 224.80 ft (68.52 m) msl
Sp. conductance: 36 µS/cm Water temperature: 17.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	8.1E-11±2.7E-10	µCi/mL	EM
0	Nonvolatile beta	1.9E-09±1.0E-09	µCi/mL	EM
2	Tritium	4.0E-05±7.5E-06	µCi/mL	EM

WELL HAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91 Time: 11:05
Depth to water: 29.46 ft (8.98 m) below TOC pH: 5.2
Water elevation: 268.94 ft (81.97 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 171 µS/cm Water temperature: 22.1°C
Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	Specific conductance	108	µS/cm	GE
0	Specific conductance	109	µS/cm	GE
0	Turbidity	3.4	NTU	GE
0	Turbidity	3.6	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.0	µg/L	GE
0	Barium	3.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	280	µg/L	GE
0	Calcium	280	µg/L	GE
0	Chloride	4,430	µg/L	GE
0	Chloride	4,210	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	87	µg/L	GE
0	Iron	110	µg/L	GE

ANALYTICAL RESULTS

WELL HAC 1 collected on 02/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lead	7.0	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	150	µg/L	GE
0	Magnesium	160	µg/L	GE
0	Manganese	3.2	µg/L	GE
0	Manganese	3.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,870	µg/L	GE
0	Nitrate as nitrogen	1,880	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,900	µg/L	GE
0	Silica	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	23,000	µg/L	GE
0	Sodium	24,000	µg/L	GE
2	Sulfate	1.9E+06	µg/L	GE
2	Sulfate	2.0E+06	µg/L	GE
0	Total dissolved solids	99,000	µg/L	GE
0	Total dissolved solids	92,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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	2.1E-09±3.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	6.2E-05±1.2E-06	µCi/mL	GE
2	Tritium	6.1E-05±1.2E-06	µCi/mL	GE

WELL HAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: 29.60 ft (9.02 m) below TOC
Water elevation: 268.50 ft (81.84 m) msl
Sp. conductance: 361 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 13:20
pH: 5.3
Alkalinity ($CaCO_3$): 25 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
1	Specific conductance	317	µS/cm	GE
1	Turbidity	41	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	400	µg/L	GE
0	Chloride	3,840	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	190	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	370	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	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
2	Sodium	92,000	µg/L	GE
2	Sulfate	4.3E+06	µg/L	GE
1	Total dissolved solids	288,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	5.2E-05±1.1E-06	µCi/mL	GE

WELL HAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: 29.10 ft (8.87 m) below TOC
Water elevation: 268.90 ft (81.96 m) msl
Sp. conductance: 359 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 13:40
pH: 5.7
Alkalinity ($CaCO_3$): 31 mg/L
Water temperature: 23.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	214	µS/cm	GE
0	Turbidity	12	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,600	µg/L	GE
0	Chloride	8,220	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	77	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	490	µg/L	GE
1	Manganese	37	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,730	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	750	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	51,000	µg/L	GE
1	Sulfate	265,000	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	5.1E-05±1.1E-06	µCi/mL	GE

WELL HAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: 27.59 ft (8.41 m) below TOC
Water elevation: 269.31 ft (82.09 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 40 gal

Time: 10:30
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 21.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	pH	5.0	pH	GE
0	pH	5.0	pH	GE
0	pH	5.0	pH	GE
0	Specific conductance	26	µS/cm	GE
0	Specific conductance	27	µS/cm	GE
0	Specific conductance	28	µS/cm	GE
0	Specific conductance	29	µS/cm	GE
0	Turbidity	3.5	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	150	µg/L	GE
0	Chloride	4,270	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	29	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	320	µg/L	GE
1	Manganese	40	µg/L	GE
0	Mercury	0.59	µg/L	GE
0	Methoxychlor	<0.50	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	6,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,300	µg/L	GE
0	Sulfate	22,500	µg/L	GE
0	Total dissolved solids	17,000	µg/L	GE

WELL HAC 4 collected on 02/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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	4.1E-05±1.0E-06	µCi/mL	GE

WELL HAP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 13:30
Depth to water: 17.57 ft (5.36 m) below TOC pH: 6.6
Water elevation: 271.53 ft (82.76 m) msl Alkalinity ($CaCO_3$): 94 mg/L
Sp. conductance: 302 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	pH	6.9	pH	GE
0	pH	6.7	pH	IT
0	Specific conductance	148	µS/cm	GE
0	Specific conductance	148	µS/cm	GE
1	Specific conductance	290	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	31	µg/L	GE
0	Barium	32	µg/L	GE
0	Barium	39	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
2	Calcium	36,000	µg/L	GE
2	Calcium	37,000	µg/L	GE
2	Calcium	45,600	µg/L	IT
0	Chloride	6,230	µg/L	GE
0	Chloride	6,020	µg/L	GE
0	Chloride	6,490	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	190	µg/L	GE
0	Fluoride	190	µg/L	GE
0	Fluoride	250	µg/L	IT
0	Iron	15	µg/L	GE
0	Iron	15	µg/L	GE
0	Iron	9.0	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	2,100	µg/L	GE
0	Magnesium	2,100	µg/L	GE
0	Magnesium	2,380	µg/L	IT
0	Manganese	8.9	µg/L	GE
0	Manganese	9.2	µg/L	GE
0	Manganese	11	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,140	µg/L	GE
0	Nitrate as nitrogen	1,140	µg/L	GE
0	Nitrate as nitrogen	1,310	µg/L	IT
0	Oil & grease	<1,000	µg/L	GE
0	Oil & grease	<1,000	µg/L	GE
0	Oil & grease	1,800	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
1	Potassium	5,900	µg/L	GE
1	Potassium	6,000	µg/L	GE

WELL HAP 1 collected on 02/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
1	Potassium	6,700	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	6,300	µg/L	GE
0	Silica	6,800	µg/L	GE
0	Silica	7,720	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	6,800	µg/L	GE
0	Sodium	7,000	µg/L	GE
0	Sodium	8,140	µg/L	IT
0	Sulfate	22,300	µg/L	GE
0	Sulfate	21,300	µg/L	GE
0	Sulfate	19,500	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	171,000	µg/L	GE
0	Total dissolved solids	173,000	µg/L	GE
0	Total dissolved solids	164,000	µg/L	IT
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	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	9.0	µg/L	IT
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	6.2E-09±3.6E-09	µCi/mL	GE
0	Nonvolatile beta	5.9E-09±3.6E-09	µCi/mL	GE
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
1	Tritium	1.9E-05±7.0E-07	µCi/mL	GE
1	Tritium	1.8E-05±6.0E-07	µCi/mL	GE
1	Tritium	1.5E-05±2.0E-06	µCi/mL	IT

WELL HAP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 13:30
Depth to water: 17.57 ft (5.36 m) below TOC pH: 6.6
Water elevation: 271.53 ft (82.76 m) msl Alkalinity ($CaCO_3$): 94 mg/L
Sp. conductance: 302 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	pH	6.8	pH	IT
0	Specific conductance	164	µS/cm	GE
1	Specific conductance	292	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	34	µg/L	GE
0	Barium	39	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
2	Calcium	38,000	µg/L	GE
2	Calcium	44,700	µg/L	IT
0	Chloride	6,270	µg/L	GE
0	Chloride	6,600	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	200	µg/L	GE
0	Fluoride	250	µg/L	IT
0	Iron	17	µg/L	GE
0	Iron	7.4	µg/L	IT

ANALYTICAL RESULTS

WELL HAP 1 collected on 02/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lead	7.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	2,200	µg/L	GE
0	Magnesium	2,350	µg/L	IT
0	Manganese	11	µg/L	GE
0	Manganese	12	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,100	µg/L	GE
0	Nitrate as nitrogen	1,260	µg/L	IT
0	Oil & grease	<1,000	µg/L	GE
2	Oil & grease	18,300	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
1	Potassium	6,900	µg/L	GE
1	Potassium	6,520	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	7,200	µg/L	GE
0	Silica	7,520	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	7,200	µg/L	GE
0	Sodium	7,890	µg/L	IT
0	Sulfate	22,200	µg/L	GE
0	Sulfate	19,700	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	172,000	µg/L	GE
0	Total dissolved solids	183,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,740	µg/L	IT
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	9.4	µg/L	IT
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	9.4E-09±4.7E-09	µCi/mL	GE
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
1	Tritium	1.8E-05±6.0E-07	µCi/mL	GE
1	Tritium	1.5E-05±2.0E-06	µCi/mL	IT

WELL HAP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91
Depth to water: 19.05 ft (5.81 m) below TOC
Water elevation: 270.85 ft (82.56 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 71 gal

Time: 12:55
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 21.0°C

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	23	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Chloride	2,930	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	13	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	730	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	1,080	µg/L	GE
0	Oil & grease	<1,000	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	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,900	µg/L	GE
0	Sulfate	17,000	µg/L	GE
0	Toluene	<1.0	µg/L	GE

WELL HAP 2 collected on 02/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	41,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-08±3.5E-09	µCi/mL	GE
0	Total radium	1.6E-08±3.6E-09	µCi/mL	GE
1	Tritium	1.3E-05±5.0E-07	µCi/mL	GE

WELL HCA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: 41.22 ft (12.56 m) below TOC
Water elevation: 268.78 ft (81.93 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.

Time: 12:35
pH: 5.4
Alkalinity ($CaCO_3$): 7 mg/L
Water temperature: 23.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Specific conductance	27	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	35	µg/L	GE
0	Barium	33	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,500	µg/L	GE
0	Calcium	1,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,210	µg/L	GE
0	Chloride	3,260	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	49	µg/L	GE
0	Iron	39	µg/L	GE
0	Lead	19	µg/L	GE
0	Lead	21	µg/L	GE
0	Magnesium	1,100	µg/L	GE

WELL HCA 1 collected on 02/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Magnesium	1,000	µg/L	GE
0	Manganese	15	µg/L	GE
0	Manganese	15	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	Nitrate as nitrogen	1,970	µg/L	GE
0	Nitrate as nitrogen	1,970	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,500	µg/L	GE
0	Sodium	4,200	µg/L	GE
0	Sulfate	1,600	µg/L	GE
0	Sulfate	2,350	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	27,000	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	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.10	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	19	µg/L	GE
0	Trichlorofluoromethane	21	µg/L	GE
0	Antimony-125	<4.0E-08	µCi/mL	IT
0	Cerium-141	<8.6E-09	µCi/mL	IT
0	Cerium-144	<4.0E-07	µCi/mL	IT
0	Cesium-134	<3.5E-08	µCi/mL	IT
0	Cesium-137	<6.7E-09	µCi/mL	IT
0	Cobalt-58	<5.9E-09	µCi/mL	IT
0	Cobalt-60	<7.3E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<5.5E-09	µCi/mL	IT
0	Niobium-95	<5.8E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.1E-09±3.7E-09	µCi/mL	GE
0	Radium-228	<2.3E-08	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<6.0E-09	µCi/mL	IT
0	Ruthenium-106	<5.0E-08	µCi/mL	IT
0	Sodium-22	<7.4E-09	µCi/mL	IT
0	Thorium-232	<9.2E-09	µCi/mL	IT
0	Total radium	<1.0E-08	µCi/mL	GE
0	Total radium	<1.0E-08	µCi/mL	GE
2	Tritium	7.1E-05±1.3E-06	µCi/mL	GE
2	Tritium	7.1E-05±1.3E-06	µCi/mL	GE
0	Uranium-235	<4.0E-08	µCi/mL	IT
0	Uranium-238	<2.8E-07	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL HCA 2 collected on 02/20/91, laboratory analyses (continued)

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
1	Calcium	22,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,470	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Iron	36	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	2,200	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	1,180	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	5,500	µg/L	GE
0	Selenium	2.0	µg/L	GE
0	Silica	4,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,200	µg/L	GE
0	Sulfate	143,000	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	98,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	29	µg/L	GE
0	Antimony-125	<4.7E-08	µCi/mL	IT
0	Cerium-141	<9.1E-09	µCi/mL	IT
0	Cerium-144	<4.2E-07	µCi/mL	IT
0	Cesium-134	<3.5E-08	µCi/mL	IT
0	Cesium-137	<6.6E-09	µCi/mL	IT
0	Cobalt-58	<6.4E-09	µCi/mL	IT
0	Cobalt-60	<7.6E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<6.7E-09	µCi/mL	IT
0	Niobium-95	<6.4E-09	µCi/mL	IT
0	Nonvolatile beta	3.9E-09±3.5E-09	µCi/mL	GE
0	Radium-226	<2.5E-08	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<6.3E-09	µCi/mL	IT
0	Ruthenium-106	<5.5E-08	µCi/mL	IT
0	Sodium-22	<7.3E-09	µCi/mL	IT
0	Thorium-232	<1.0E-08	µCi/mL	IT
0	Total radium	2.4E-09±4.3E-09	µCi/mL	GE
2	Tritium	4.5E-05±1.0E-06	µCi/mL	GE
0	Uranium-235	<4.3E-08	µCi/mL	IT
0	Uranium-238	<3.1E-07	µCi/mL	IT
0	Zinc-65	<1.7E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL HCA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: 40.80 ft (12.44 m) below TOC
Water elevation: 270.00 ft (82.30 m) msl
Sp. conductance: 207 µS/cm
Water evacuated before sampling: 73 gal
Time: 11:35
pH: 5.9
Alkalinity ($CaCO_3$): 42 mg/L
Water temperature: 24.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	118	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE

WELL HCA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: 41.86 ft (12.76 m) below TOC
Water elevation: 268.44 ft (81.82 m) msl
Sp. conductance: 92 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.
Time: 13:00
pH: 6.0
Alkalinity ($CaCO_3$): 43 mg/L
Water temperature: 22.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	35	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL HCA 3 collected on 02/20/91, laboratory analyses (continued)

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	6,800	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
2	Dichloromethane (Methylene chloride)	15	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	27	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,500	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	170	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	3,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,900	µg/L	GE
0	Sulfate	4,330	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	34,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Antimony-125	<5.1E-08	µCi/mL	IT
0	Cerium-141	<5.7E-09	µCi/mL	IT
0	Cerium-144	<1.6E-07	µCi/mL	IT
0	Cesium-134	<3.7E-08	µCi/mL	IT
0	Cesium-137	<7.9E-09	µCi/mL	IT
0	Cobalt-58	<7.8E-09	µCi/mL	IT
0	Cobalt-60	<9.8E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<7.5E-09	µCi/mL	IT
0	Niobium-95	<8.9E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<1.9E-08	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<6.4E-09	µCi/mL	IT
0	Ruthenium-106	<6.0E-08	µCi/mL	IT
0	Sodium-22	<9.4E-09	µCi/mL	IT
2	Thorium-232	1.4E-08±2.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	9.0E-05±1.4E-06	µCi/mL	GE
0	Uranium-235	<2.7E-08	µCi/mL	IT
2	Uranium-238	4.4E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<2.0E-08	µCi/mL	IT
0	Zirconium-95	<1.7E-08	µCi/mL	IT

WELL HCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: 41.93 ft (12.78 m) below TOC
Water elevation: 268.77 ft (81.92 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 19 gal
The well went dry during purging.

Time: 12:00
pH: 5.6
Alkalinity ($CaCO_3$): 13 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	5.7	pH	IT
0	pH	5.7	pH	IT
0	Specific conductance	28	µS/cm	GE
0	Specific conductance	43	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT

WELL HCA 4 collected on 02/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Barium	25	µg/L	GE
0	Barium	24	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,200	µg/L	GE
0	Calcium	2,100	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,070	µg/L	GE
0	Chloride	2,940	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	13	µg/L	GE
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	77	µg/L	GE
0	Iron	62	µg/L	IT
2	Lead	110	µg/L	GE
2	Lead	109	µg/L	IT
0	Magnesium	840	µg/L	GE
0	Magnesium	770	µg/L	IT
1	Manganese	25	µg/L	GE
0	Manganese	24	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,420	µg/L	GE
0	Nitrate as nitrogen	1,380	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	860	µg/L	GE
0	Potassium	918	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,800	µg/L	GE
0	Silica	8,500	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	4,000	µg/L	GE
0	Sodium	3,530	µg/L	IT
0	Sulfate	4,030	µg/L	GE
0	Sulfate	1,300	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	55	µg/L	GE
2	Tetrachloroethylene	48	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	20,000	µg/L	GE
0	Total dissolved solids	30,000	µg/L	IT
0	Total organic carbon	4,000	µg/L	GE
1	Total organic carbon	5,790	µg/L	IT
0	Total organic halogens	44	µg/L	GE
1	Total organic halogens	88	µg/L	IT

WELL HCA 4 collected on 02/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	27	µg/L	GE
2	Trichloroethylene	23	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Antimony-125	<7.3E-08	µCi/mL	IT
0	Cerium-141	<1.3E-08	µCi/mL	IT
0	Cerium-144	<5.7E-07	µCi/mL	IT
0	Cesium-134	<4.6E-08	µCi/mL	IT
0	Cesium-137	<9.8E-09	µCi/mL	IT
0	Cobalt-58	<8.8E-09	µCi/mL	IT
0	Cobalt-60	<1.2E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<8.3E-09	µCi/mL	IT
0	Niobium-95	<9.4E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<3.5E-08	µCi/mL	IT
0	Radium-228	<1.6E-07	µCi/mL	IT
0	Ruthenium-103	<9.1E-09	µCi/mL	IT
0	Ruthenium-106	<8.2E-08	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
0	Thorium-232	<1.4E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 2.0E-10	µCi/mL	IT
2	Tritium	5.8E-05 ± 1.1E-06	µCi/mL	GE
2	Tritium	4.2E-05 ± 5.0E-06	µCi/mL	IT
0	Uranium-235	<5.9E-08	µCi/mL	IT
0	Uranium-238	<4.3E-07	µCi/mL	IT
0	Zinc-65	<2.2E-08	µCi/mL	IT
0	Zirconium-95	<2.1E-08	µCi/mL	IT

WELL HCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/20/91
Depth to water: 41.93 ft (12.78 m) below TOC
Water elevation: 268.77 ft (81.92 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 19 gal
The well went dry during purging.

Time: 12:00
pH: 5.8
Alkalinity ($CaCO_3$): 13 mg/L
Water temperature: 22.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.8	pH	IT
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	42	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	25	µg/L	GE
0	Barium	23	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,200	µg/L	GE
0	Calcium	2,060	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,020	µg/L	GE
0	Chloride	2,900	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT

WELL HCA 4 collected on 02/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
1	1,2-Dichloroethane	3.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	B 7.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	88	µg/L	GE
0	Iron	49	µg/L	IT
2	Lead	110	µg/L	GE
2	Lead	109	µg/L	IT
0	Magnesium	830	µg/L	GE
0	Magnesium	756	µg/L	IT
1	Manganese	26	µg/L	GE
0	Manganese	23	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,430	µg/L	GE
0	Nitrate as nitrogen	1,360	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	830	µg/L	GE
0	Potassium	845	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	9,200	µg/L	GE
0	Silica	8,360	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	4,000	µg/L	GE
0	Sodium	3,470	µg/L	IT
0	Sulfate	3,300	µg/L	GE
0	Sulfate	1,300	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	60	µg/L	GE
2	Tetrachloroethylene	50	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	28,000	µg/L	GE
0	Total dissolved solids	39,000	µg/L	IT
0	Total organic carbon	3,000	µg/L	GE
1	Total organic carbon	7,530	µg/L	IT
1	Total organic halogens	59	µg/L	GE
1	Total organic halogens	60	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	0.35	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	29	µg/L	GE
2	Trichloroethylene	22	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Antimony-125	<3.0E-08	µCi/mL	IT
0	Cerium-141	<3.4E-09	µCi/mL	IT
0	Cerium-144	<9.9E-08	µCi/mL	IT
0	Cesium-134	<2.3E-08	µCi/mL	IT
0	Cesium-137	<4.7E-09	µCi/mL	IT
0	Cobalt-58	<4.8E-09	µCi/mL	IT
0	Cobalt-60	<5.8E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<4.7E-09	µCi/mL	IT
0	Niobium-95	<4.4E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.2E-08	µCi/mL	IT
0	Radium-228	<7.1E-08	µCi/mL	IT
0	Ruthenium-103	<3.9E-09	µCi/mL	IT
0	Ruthenium-106	<3.6E-08	µCi/mL	IT
0	Sodium-22	<6.4E-09	µCi/mL	IT
2	Thorium-232	1.2E-08 ± 2.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 2.0E-10	µCi/mL	IT
2	Tritium	5.8E-05 ± 1.1E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL HCA 4 collected on 02/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Tritium	4.3E-05 ± 5.0E-06	µCi/mL	IT
0	Uranium-235	< 1.6E-08	µCi/mL	IT
2	Uranium-238	4.2E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	< 1.1E-08	µCi/mL	IT
0	Zirconium-95	< 1.0E-08	µCi/mL	IT

WELL HCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91
Depth to water: 15.33 ft (4.67 m) below TOC
Water elevation: 263.97 ft (80.46 m) msl
Sp. conductance: 199 µS/cm
Water evacuated before sampling: 109 gal

Time: 10:50
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
1	Specific conductance	267	µS/cm	IT
1	Specific conductance	269	µS/cm	IT
0	Arsenic	< 2.0	µg/L	IT
0	Barium	102	µg/L	IT
0	Benzene	< 5.0	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	Cadmium	< 1.5	µg/L	IT
0	Calcium	12,900	µg/L	IT
0	Chloride	4,280	µg/L	IT
0	Chromium	5.6	µg/L	IT
0	Copper	7.7	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.10	µg/L	IT
0	Endrin	< 0.020	µg/L	IT
0	Fluoride	< 250	µg/L	IT
0	Iron	97	µg/L	IT
0	Lead	7.6	µg/L	IT
1	Magnesium	6,480	µg/L	IT
2	Manganese	1,090	µg/L	IT
0	Mercury	< 0.20	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	IT
0	Nitrate as nitrogen	1,760	µg/L	IT
0	Oil & grease	2,600	µg/L	IT
0	Phenols	< 5.0	µg/L	IT
0	Potassium	506	µg/L	IT
0	Selenium	4.4	µg/L	IT
0	Silica	8,080	µg/L	IT
0	Silver	< 2.5	µg/L	IT
0	Sodium	5,090	µg/L	IT
0	Sulfate	108,000	µg/L	IT
0	Toluene	< 5.0	µg/L	IT
0	Total dissolved solids	198,000	µg/L	IT
0	Total organic carbon	< 1,000	µg/L	IT
0	Total organic halogens	19	µg/L	IT
0	Total petroleum hydrocarbons	< 1,000	µg/L	IT
0	Total phosphates (as P)	14	µg/L	IT
0	Toxaphene	< 2.0	µg/L	IT
0	2,4,5-TP (Silvex)	< 0.020	µg/L	IT
0	Xylenes	< 5.0	µg/L	IT
0	Zinc	9.7	µg/L	IT
0	Gross alpha	< 3.0E-09	µCi/mL	IT
0	Nonvolatile beta	< 8.0E-09	µCi/mL	IT
1	Total radium	4.1E-09 ± 7.0E-10	µCi/mL	IT
2	Tritium	2.7E-05 ± 3.0E-06	µCi/mL	IT

WELL HCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91
Depth to water: 12.92 ft (3.94 m) below TOC
Water elevation: 268.78 ft (81.93 m) msl
Sp. conductance: 1098 µS/cm
Water evacuated before sampling: 76 gal

Time: 12:00
pH: 3.2
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.4	pH	GE
1	pH	3.3	pH	IT
2	Specific conductance	540	µS/cm	GE
2	Specific conductance	1,010	µS/cm	IT
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	IT
0	Barium	9.0	µg/L	GE
0	Barium	13	µg/L	IT
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 5.0	µg/L	IT
0	Lindane	< 0.0050	µg/L	GE
0	Lindane	< 0.010	µg/L	IT
0	Cadmium	2.8	µg/L	GE
0	Cadmium	3.2	µg/L	IT
2	Calcium	46,000	µg/L	GE
2	Calcium	43,000	µg/L	IT
0	Chloride	3,410	µg/L	GE

WELL HCB 2 collected on 02/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloride	< 250	µg/L	IT
0	Chromium	14	µg/L	GE
0	Chromium	12	µg/L	IT
0	Copper	150	µg/L	GE
0	Copper	159	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.10	µg/L	IT
0	Endrin	< 0.0080	µg/L	GE
0	Endrin	< 0.020	µg/L	IT
1	Fluoride	2,100	µg/L	GE
0	Fluoride	890	µg/L	IT
2	Iron	2,300	µg/L	GE
2	Iron	1,810	µg/L	IT
1	Lead	38	µg/L	GE
0	Lead	19	µg/L	IT
2	Magnesium	17,000	µg/L	GE
2	Magnesium	15,600	µg/L	IT
2	Manganese	6,000	µg/L	GE
2	Manganese	6,700	µg/L	IT
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	IT
0	Nitrate as nitrogen	230	µg/L	GE
0	Nitrate as nitrogen	170	µg/L	IT
0	Oil & grease	< 1,000	µg/L	GE
0	Oil & grease	4,200	µg/L	IT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	IT
0	Potassium	1,200	µg/L	GE
0	Potassium	1,190	µg/L	IT
0	Selenium	3.0	µg/L	GE
1	Selenium	5.9	µg/L	IT
1	Silica	35,000	µg/L	GE
1	Silica	34,200	µg/L	IT
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.5	µg/L	IT
0	Sodium	3,800	µg/L	GE
0	Sodium	3,950	µg/L	IT
2	Sulfate	1.3E+06	µg/L	GE
2	Sulfate	657,000	µg/L	IT
0	Toluene	< 1.0	µg/L	GE
0	Toluene	< 5.0	µg/L	IT
2	Total dissolved solids	855,000	µg/L	GE
2	Total dissolved solids	873,000	µg/L	IT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	1,460	µg/L	IT
0	Total organic halogens	13	µg/L	GE
0	Total organic halogens	13	µg/L	IT
0	Total petroleum hydrocarbons	< 1,000	µg/L	GE
0	Total petroleum hydrocarbons	< 1,000	µg/L	IT
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	93	µg/L	IT
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 2.0	µg/L	IT
0	2,4,5-TP (Silvex)	< 0.080	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.020	µg/L	IT
0	Xylenes	< 1.0	µg/L	GE
0	Xylenes	< 5.0	µg/L	IT
0	Zinc	810	µg/L	GE
0	Zinc	822	µg/L	IT
0	Gross alpha	4.9E-09 ± 6.5E-09	µCi/mL	GE
1	Gross alpha	1.4E-08 ± 4.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.9E-08 ± 1.1E-08	µCi/mL	GE
0	Nonvolatile beta	1.6E-08 ± 5.0E-09	µCi/mL	IT
1	Total radium	4.7E-09 ± 3.5E-09	µCi/mL	GE
2	Total radium	5.6E-09 ± 8.0E-10	µCi/mL	IT
2	Tritium	2.5E-05 ± 7.0E-07	µCi/mL	GE
2	Tritium	2.3E-05 ± 3.0E-06	µCi/mL	IT

WELL HCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91
Depth to water: 12.92 ft (3.94 m) below TOC
Water elevation: 268.78 ft (81.93 m) msl
Sp. conductance: 1098 µS/cm
Water evacuated before sampling: 76 gal

Time: 12:00
pH: 3.2
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.4	pH	GE
1	pH	3.3	pH	IT
1	pH	3.3	pH	IT
2	Specific conductance	530	µS/cm	GE
2	Specific conductance	990	µS/cm	IT
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	IT
0	Barium	8.9	µg/L	GE
0	Barium	13	µg/L	IT
0	Benzene	< 1.0	µg/L	GE
0	Benzene	< 5.0	µg/L	IT
0	Lindane	< 0.0050	µg/L	GE
0	Lindane	< 0.010	µg/L	IT
0	Cadmium	2.9	µg/L	GE

WELL HCB 2 collected on 02/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cadmium	2.8	µg/L	IT
2	Calcium	45,000	µg/L	GE
2	Calcium	51,200	µg/L	IT
0	Chloride	3,310	µg/L	GE
0	Chloride	<250	µg/L	IT
0	Chromium	15	µg/L	GE
0	Chromium	11	µg/L	IT
0	Copper	150	µg/L	GE
0	Copper	152	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
1	Fluoride	2,200	µg/L	GE
0	Fluoride	800	µg/L	IT
2	Iron	2,100	µg/L	GE
2	Iron	1,660	µg/L	IT
1	Lead	28	µg/L	GE
0	Lead	19	µg/L	IT
2	Magnesium	16,000	µg/L	GE
2	Magnesium	18,200	µg/L	IT
2	Manganese	5,900	µg/L	GE
2	Manganese	6,200	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	240	µg/L	GE
0	Nitrate as nitrogen	160	µg/L	IT
0	Oil & grease	<1,000	µg/L	GE
0	Oil & grease	3,200	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,200	µg/L	GE
0	Potassium	1,050	µg/L	IT
0	Selenium	3.0	µg/L	GE
1	Selenium	5.6	µg/L	IT
1	Silica	35,000	µg/L	GE
1	Silica	32,000	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	3,800	µg/L	GE
0	Sodium	3,760	µg/L	IT
2	Sulfate	1.5E+06	µg/L	GE
2	Sulfate	640,000	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	837,000	µg/L	GE
2	Total dissolved solids	895,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,470	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	19	µg/L	IT
0	Total petroleum hydrocarbons	<1,000	µg/L	GE
0	Total petroleum hydrocarbons	<1,000	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	102	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	IT
0	Zinc	800	µg/L	GE
0	Zinc	764	µg/L	IT
0	Gross alpha	7.4E-09±3.2E-09	µCi/mL	GE
0	Gross alpha	7.4E-09±3.4E-09	µCi/mL	IT
0	Nonvolatile beta	1.8E-08±4.9E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-08±5.0E-09	µCi/mL	IT
1	Total radium	4.5E-09±3.4E-09	µCi/mL	GE
2	Total radium	5.6E-09±8.0E-10	µCi/mL	IT
2	Tritium	2.4E-05±7.0E-07	µCi/mL	GE
2	Tritium	2.2E-05±3.0E-06	µCi/mL	IT

WELL HCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 11:20
Depth to water: 8.48 ft (2.58 m) below TOC pH: 4.4
Water elevation: 266.92 ft (81.36 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 45 µS/cm Water temperature: 21.2°C
Water evacuated before sampling: 87 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	Specific conductance	38	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	25	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	332	µg/L	IT
0	Chloride	4,160	µg/L	IT
0	Chromium	<2.5	µg/L	IT

WELL HCB 3 collected on 02/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Copper	8.7	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	54	µg/L	IT
0	Lead	18	µg/L	IT
0	Magnesium	564	µg/L	IT
0	Manganese	6.8	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,690	µg/L	IT
0	Oil & grease	2,500	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,150	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,410	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	20,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total petroleum hydrocarbons	<1,000	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<2.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Zinc	4.0	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.4E-09±4.0E-10	µCi/mL	IT
2	Tritium	2.6E-05±3.0E-06	µCi/mL	IT

WELL HCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/22/91 Time: 10:30
Depth to water: 12.66 ft (3.86 m) below TOC
Water elevation: 265.14 ft (80.82 m) msl
The well pumped dry before all field parameters were collected.

WELL HET 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 Time: 13:20
Depth to water: 12.83 ft (3.91 m) below TOC pH: 4.8
Water elevation: 269.37 ft (82.10 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 65 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 76 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	99	µg/L	GE
0	Chloride	4,260	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	120	µg/L	GE
0	Manganese	4.9	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,460	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	6,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,900	µg/L	GE
0	Sulfate	2,830	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	3.5E-05±9.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL HET 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91 Time: 11:25
Depth to water: 16.79 ft (5.12 m) below TOC pH: 5.2
Water elevation: 260.11 ft (79.28 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 36 µS/cm Water temperature: 16.7°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	490	µg/L	GE
0	Chloride	3,980	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	140	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	550	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	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	5,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	31,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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	3.7E-05±9.0E-07	µCi/mL	GE

WELL HET 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91 Time: 11:10
Depth to water: 16.26 ft (4.96 m) below TOC pH: 4.9
Water elevation: 260.44 ft (79.38 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 31 µS/cm Water temperature: 16.4°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	12	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	120	µg/L	GE
0	Chloride	3,010	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	34	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	320	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	1,270	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	4,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,700	µg/L	GE
0	Sulfate	1,190	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL HET 3D collected on 02/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Tritium	3.1E-05±8.0E-07	µCi/mL	GE

WELL HET 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91 Time: 10:50
Depth to water: 16.39 ft (5.00 m) below TOC pH: 5.4
Water elevation: 260.31 ft (79.34 m) msl Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 47 µS/cm Water temperature: 17.0°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

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	18	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Chloride	2,650	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	570	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	1,200	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	790	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,100	µg/L	GE
0	Sulfate	1,020	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	17	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09±2.6E-09	µCi/mL	GE
0	Total radium	1.8E-09±2.8E-09	µCi/mL	GE
2	Tritium	3.3E-05±8.0E-07	µCi/mL	GE

WELL HMD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91 Time: 10:50
Inaccessibility or pump failure prevented sample collection.

WELL HMD 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 Time: 13:25
Depth to water: 54.33 ft (16.56 m) below TOC pH: 6.4
Water elevation: 210.17 ft (64.06 m) msl Alkalinity ($CaCO_3$): 51 mg/L
Sp. conductance: 143 µS/cm Water temperature: 15.9°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	129	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,290	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	3.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE

WELL HMD 1D collected on 03/14/91, laboratory analyses (continued)

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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	810	µg/L	GE
2	Manganese	97	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	2,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	25,000	µg/L	GE
0	Sulfate	10,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	129,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	27	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	3.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	2.1E-09 ± 1.7E-09	µCi/mL	GE
0	Nonvolatile beta	4.5E-09 ± 2.8E-09	µCi/mL	GE
0	Total activity	1.9E-06 ± 1.0E-06	µCi/mL	EM
1	Total radium	3.4E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	1.9E-06 ± 3.0E-07	µCi/mL	GE

WELL HMD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91 Time: 10:40
Inaccessibility or pump failure prevented sample collection.

WELL HMD 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 Time: 18:00
Depth to water: 59.28 ft (18.07 m) below TOC pH: 5.8
Water elevation: 201.82 ft (61.52 m) msl Alkalinity ($CaCO_3$): 17 mg/L
Sp. conductance: 74 µS/cm Water temperature: 18.6°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	66	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,300	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE

WELL HMD 2D collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	9.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	120	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	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	6,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,000	µg/L	GE
0	Sulfate	13,100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	87,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	31	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 activity	6.4E-08 ± 1.1E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	5.5E-06 ± 4.0E-07	µCi/mL	GE

WELL HMD 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91 Time: 10:30
Inaccessibility or pump failure prevented sample collection.

WELL HMD 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 Time: 18:20
Depth to water: 58.15 ft (17.72 m) below TOC pH: 5.6
Water elevation: 201.35 ft (61.37 m) msl Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 52 µS/cm Water temperature: 18.5°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	49	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,870	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	6.0	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	<3.0	µg/L	GE

WELL HMD 3D collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Magnesium	580	µg/L	GE
2	Manganese	73	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	450	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	810	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,300	µg/L	GE
0	Sulfate	6,410	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	72,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	17	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	6.5E-06±1.1E-06	µCi/mL	EM
1	Total radium	4.8E-09±3.4E-09	µCi/mL	GE
0	Tritium	7.4E-06±4.0E-07	µCi/mL	GE

WELL HMD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91 Time: 10:20
Inaccessibility or pump failure prevented sample collection.

WELL HMD 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 Time: 12:55
Depth to water: 49.41 ft (15.06 m) below TOC pH: 5.4
Water elevation: 201.49 ft (61.41 m) msl Alkalinity ($CaCO_3$): 10 mg/L
Sp. conductance: 48 µS/cm Water temperature: 18.6°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	41	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	1.0	µg/L	GE
0	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	3,710	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	11	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	300	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	540	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL HMD 4D collected on 03/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,300	µg/L	GE
0	Sulfate	2,220	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	10,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	27	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	8.1E-06±1.1E-06	µCi/mL	EM
0	Total radium	1.1E-09±2.5E-09	µCi/mL	GE
0	Tritium	8.2E-06±5.0E-07	µCi/mL	GE

WELL HR3 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 Time: 11:45
Depth to water: 11.99 ft (3.65 m) below TOC pH: 4.7
Water elevation: 259.41 ft (79.07 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 49 µS/cm Water temperature: 17.5°C
Water evacuated before sampling: 155 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	Specific conductance	43	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.4	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	104	µg/L	IT
0	Chloride	6,760	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	6.7	µg/L	IT
0	Lead	4.1	µg/L	IT
0	Magnesium	351	µg/L	IT
0	Manganese	3.2	µg/L	IT
0	Mercury	0.58	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,140	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,390	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	6,300	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	18,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	13	µg/L	IT
0	Total phosphates (as P)	148	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
1	Tritium	1.8E-05±2.0E-06	µCi/mL	IT

WELL HR3 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 Time: 12:50
Depth to water: 18.94 ft (5.77 m) below TOC pH: 6.3
Water elevation: 257.26 ft (78.41 m) msl Alkalinity ($CaCO_3$): 17 mg/L
Sp. conductance: 93 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 137 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	pH	6.6	pH	IT
0	Specific conductance	84	µS/cm	GE
0	Specific conductance	103	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE

WELL HR3 13 collected on 01/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	IT
0	Barium	8.9	µg/L	GE
0	Barium	8.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	11,000	µg/L	GE
0	Calcium	8,540	µg/L	IT
0	Chloride	3,400	µg/L	GE
0	Chloride	4,590	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	<4.0	µg/L	GE
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	440	µg/L	GE
0	Magnesium	514	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	2.1	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	3,000	µg/L	GE
0	Nitrate as nitrogen	2,670	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	13,000	µg/L	GE
0	Silica	10,300	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	7,400	µg/L	GE
0	Sodium	5,860	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	1,980	µg/L	IT
0	Total dissolved solids	74,000	µg/L	GE
0	Total dissolved solids	64,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,210	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	9.6	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	134	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	5.0E-09 ± 2.4E-09	µCi/mL	IT
0	Nonvolatile beta	4.0E-09 ± 3.6E-09	µCi/mL	GE
0	Nonvolatile beta	7.4E-09 ± 3.2E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
1	Total radium	4.7E-09 ± 8.0E-10	µCi/mL	IT
2	Tritium	3.8E-05 ± 6.0E-07	µCi/mL	GE
2	Tritium	3.1E-05 ± 4.0E-06	µCi/mL	IT

WELL HR3 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 — Time: 12:50
Depth to water: 18.94 ft (5.77 m) below TOC — pH: 6.3
Water elevation: 257.26 ft (78.41 m) msl — Alkalinity ($CaCO_3$): 17 mg/L
Sp. conductance: 93 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 137 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	pH	6.5	pH	IT
0	Specific conductance	85	µS/cm	GE
0	Specific conductance	104	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	9.4	µg/L	GE
0	Barium	7.8	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	8,700	µg/L	GE
0	Calcium	7,210	µg/L	IT
0	Chloride	4,360	µg/L	GE
0	Chloride	4,450	µg/L	IT

WELL HR3 13 collected on 01/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	<4.0	µg/L	GE
0	Iron	5.5	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	570	µg/L	GE
0	Magnesium	488	µg/L	IT
0	Manganese	2.5	µg/L	GE
0	Manganese	2.3	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,540	µg/L	GE
0	Nitrate as nitrogen	2,420	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	11,000	µg/L	GE
0	Silica	9,010	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	6,800	µg/L	GE
0	Sodium	5,630	µg/L	IT
0	Sulfate	1,590	µg/L	GE
0	Sulfate	1,980	µg/L	IT
0	Total dissolved solids	105,000	µg/L	GE
0	Total dissolved solids	67,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,160	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	13	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	71	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	3.4E-09 ± 2.7E-09	µCi/mL	IT
0	Nonvolatile beta	5.3E-09 ± 3.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.1E-09 ± 3.8E-09	µCi/mL	IT
1	Total radium	2.5E-09 ± 2.9E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	3.9E-05 ± 7.0E-07	µCi/mL	GE
2	Tritium	3.0E-05 ± 3.0E-06	µCi/mL	IT

WELL HR8 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 — Time: 11:15
Depth to water: 13.93 ft (4.25 m) below TOC — pH: 4.6
Water elevation: 245.27 ft (74.76 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 19.6°C
Water evacuated before sampling: 98 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	Specific conductance	24	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.9	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	71	µg/L	IT
0	Chloride	1,850	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	8.9	µg/L	IT
0	Lead	12	µg/L	IT
0	Magnesium	125	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	700	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,330	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,580	µg/L	IT
0	Sulfate	1,520	µg/L	IT
0	Total dissolved solids	12,000	µg/L	IT

ANALYTICAL RESULTS

WELL HR8 11 collected on 01/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	1,540	µg/L	IT
0	Total organic halogens	7.2	µg/L	IT
0	Total phosphates (as P)	33	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	6.1E-09±2.8E-09	µCi/mL	IT
0	Total radium	2.3E-09±5.0E-10	µCi/mL	IT
2	Tritium	3.2E-05±4.0E-06	µCi/mL	IT

WELL HR8 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 Time: 10:50
Depth to water: 18.74 ft (5.71 m) below TOC pH: 4.5
Water elevation: 238.76 ft (72.77 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 34 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 85 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	Specific conductance	31	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.9	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	22	µg/L	IT
0	Chloride	3,400	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	19	µg/L	IT
0	Lead	21	µg/L	IT
0	Magnesium	176	µg/L	IT
0	Manganese	1.2	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,040	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	4,740	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,100	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	21,000	µg/L	IT
0	Total organic carbon	1,190	µg/L	IT
0	Total organic halogens	9.3	µg/L	IT
0	Total phosphates (as P)	65	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	3.0E-09±2.1E-09	µCi/mL	IT
0	Nonvolatile beta	1.2E-08±3.0E-09	µCi/mL	IT
0	Total radium	1.1E-09±4.0E-10	µCi/mL	IT
2	Tritium	2.7E-05±3.0E-06	µCi/mL	IT

WELL HR8 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 Time: 10:30
Depth to water: 15.86 ft (4.83 m) below TOC pH: 4.4
Water elevation: 237.24 ft (72.31 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 54 µS/cm Water temperature: 17.3°C
Water evacuated before sampling: 93 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	Specific conductance	45	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	7.3	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	152	µg/L	IT
0	Chloride	7,570	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	29	µg/L	IT
0	Lead	11	µg/L	IT
0	Magnesium	511	µg/L	IT
0	Manganese	3.9	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,030	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	515	µg/L	IT

WELL HR8 13 collected on 01/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Selenium	<3.0	µg/L	IT
0	Silica	4,710	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,370	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	1,100	µg/L	IT
0	Total organic halogens	10	µg/L	IT
0	Total phosphates (as P)	44	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	7.3E-09±2.7E-09	µCi/mL	IT
0	Nonvolatile beta	7.6E-09±2.9E-09	µCi/mL	IT
1	Total radium	2.9E-09±6.0E-10	µCi/mL	IT
2	Tritium	2.5E-05±3.0E-06	µCi/mL	IT

WELL HR8 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/22/91 Time: 13:10
Inaccessibility or pump failure prevented sample collection.

WELL HSB 1TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 Time: 13:20
Depth to water: Not available pH: 4.7
Water elevation: Not available Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 42 µS/cm Water temperature: 20.2°C
Water evacuated before sampling: 900 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	Specific conductance	36	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	11	µg/L	IT
2	Benzene	B 15	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,210	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,490	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	4.9	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	717	µg/L	IT
0	Lead	23	µg/L	IT
0	Magnesium	319	µg/L	IT
0	Manganese	18	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	6.8	µg/L	IT
0	Potassium	666	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	10,200	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	989	µg/L	IT
0	Sulfate	9,630	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	42,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	6.2	µg/L	IT
0	Total phosphates (as P)	38	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT

WELL HSB 1TB collected on 03/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	2.6E-09 ± 1.5E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	1.2E-08 ± 9.7E-09	µCi/mL	EM
1	Total radium	3.9E-09 ± 6.0E-10	µCi/mL	IT
0	Tritium	<1.0E-08	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB 65

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 Time: 14:40
Depth to water: 40.79 ft (12.43 m) below TOC pH: 4.6
Water elevation: 231.21 ft (70.47 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 42 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	IT
0	pH	5.0	pH	IT
0	Specific conductance	38	µS/cm	IT
0	Turbidity	10	NTU	IT
0	Aluminum	43	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	7.6	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	766	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,200	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	63	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	11	µg/L	IT
0	Magnesium	851	µg/L	IT
0	Manganese	1.7	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,380	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,310	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,410	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	52,000	µg/L	IT
0	Total organic carbon	2,020	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	15	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Zinc	21	µg/L	IT
0	Gross alpha	2.8E-09 ± 1.6E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT

WELL HSB 65 collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total radium	2.4E-09 ± 8.0E-10	µCi/mL	IT
2	Tritium	3.2E-05 ± 4.0E-06	µCi/mL	IT

WELL HSB 65A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 Time: 15:20
Depth to water: 102.96 ft (31.38 m) below TOC pH: 7.4
Water elevation: 170.64 ft (52.01 m) msl Alkalinity ($CaCO_3$): 73 mg/L
Sp. conductance: 209 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 284 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	IT
0	Specific conductance	200	µS/cm	IT
0	Turbidity	0.17	NTU	IT
0	Aluminum	15	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	47	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	35,000	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,320	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	687	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	210	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,370	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	23,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,790	µg/L	IT
0	Sulfate	5,490	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	148,000	µg/L	IT
0	Total organic carbon	1,220	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	81	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	2.7E-05 ± 3.0E-06	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB 65B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 Time: 14:25
Depth to water: 49.72 ft (15.15 m) below TOC pH: 7.5
Water elevation: 223.98 ft (68.27 m) msl Alkalinity ($CaCO_3$): 79 mg/L
Sp. conductance: 203 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 264 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.9	pH	IT
0	Specific conductance	193	µS/cm	IT
0	Turbidity	0.71	NTU	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	15	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	36,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,330	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	3.8	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	731	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	582	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	15,000	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,850	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	145,000	µg/L	IT
0	Total organic carbon	1,810	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	46	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Zinc	4.2	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.2E-09±4.0E-10	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB 65C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 Time: 14:10
Depth to water: 42.09 ft (12.83 m) below TOC pH: 4.6
Water elevation: 231.51 ft (70.57 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 52 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 82 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	47	µS/cm	IT
0	Turbidity	0.42	NTU	IT
0	Aluminum	23	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	6.7	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,240	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	4,260	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	8.7	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	28	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	669	µg/L	IT
0	Manganese	9.5	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,810	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,600	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	5,530	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	47,000	µg/L	IT
0	Total organic carbon	1,190	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	18	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Zinc	14	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.6E-09±4.0E-10	µCi/mL	IT
2	Tritium	2.1E-05±3.0E-06	µCi/mL	IT

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91
Depth to water: 54.28 ft (16.54 m) below TOC
Water elevation: 225.92 ft (68.86 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 73 gal

Time: 12:20
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	pH	5.5	pH	IT
0	Specific conductance	21	µS/cm	GE
0	Specific conductance	21	µS/cm	GE
0	Specific conductance	23	µS/cm	IT
0	Aluminum	40	µg/L	GE
0	Aluminum	35	µg/L	GE
0	Aluminum	33	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	<3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Barium	2.6	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,000	µg/L	GE
0	Calcium	990	µg/L	GE
0	Calcium	935	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,780	µg/L	GE
0	Chloride	2,850	µg/L	GE
0	Chloride	2,680	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	23	µg/L	GE
0	Copper	24	µg/L	GE
0	Copper	22	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE

WELL HSB 66 collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	4.8	µg/L	GE
0	Iron	5.8	µg/L	GE
0	Iron	5.1	µg/L	IT
0	Lead	4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	4.1	µg/L	IT
0	Magnesium	380	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Magnesium	368	µg/L	IT
0	Manganese	5.9	µg/L	GE
0	Manganese	5.8	µg/L	GE
0	Manganese	6.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,190	µg/L	GE
0	Nitrate as nitrogen	1,210	µg/L	GE
0	Nitrate as nitrogen	1,140	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,400	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silica	8,150	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,700	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sodium	2,420	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	57,000	µg/L	GE
0	Total dissolved solids	62,000	µg/L	GE
0	Total dissolved solids	37,000	µg/L	IT
0	Total dissolved solids	39,000	µg/L	IT
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	IT
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	IT
0	Total phosphates (as P)	90	µg/L	GE
0	Total phosphates (as P)	110	µg/L	GE
0	Total phosphates (as P)	121	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB 66 collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<1.0	µg/L	IT
0	Zinc	30	µg/L	GE
0	Zinc	32	µg/L	GE
0	Zinc	24	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.3E-08	µCi/mL	IT
0	Cerium-141	<8.4E-09	µCi/mL	IT
0	Cerium-144	<2.9E-07	µCi/mL	IT
0	Cesium-134	<3.2E-08	µCi/mL	IT
0	Cesium-137	<6.1E-09	µCi/mL	IT
0	Cobalt-58	<5.8E-09	µCi/mL	IT
0	Cobalt-60	<7.7E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<5.6E-09	µCi/mL	IT
0	Niobium-95	<5.2E-09	µCi/mL	IT
0	Nonvolatile beta	2.0E-09±3.5E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
2	Radium-226	1.6E-08±2.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<5.6E-09	µCi/mL	IT
0	Ruthenium-106	<4.8E-08	µCi/mL	IT
0	Sodium-22	<7.9E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
1	Thorium-232	6.3E-09±2.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.7E-05±5.0E-07	µCi/mL	GE
1	Tritium	1.7E-05±4.0E-07	µCi/mL	GE
1	Tritium	1.7E-05±2.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	1.0E-09±5.0E-10	µCi/mL	IT
0	Uranium-235	<3.9E-08	µCi/mL	IT
0	Uranium-238	1.3E-09±6.0E-10	µCi/mL	IT
0	Uranium-238	<1.3E-07	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL HSB 66

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91
Depth to water: 54.28 ft (16.54 m) below TOC
Water elevation: 225.92 ft (68.86 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 73 gal

Time: 12:20
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.3	pH	IT
0	Specific conductance	22	µS/cm	GE
0	Specific conductance	23	µS/cm	IT
1	Aluminum	130	µg/L	GE
0	Aluminum	28	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.4	µg/L	GE
0	Barium	2.8	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	930	µg/L	GE
0	Calcium	905	µg/L	IT

WELL HSB 66 collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,870	µg/L	GE
0	Chloride	2,670	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	4.3	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	23	µg/L	GE
0	Copper	21	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	<4.0	µg/L	GE
0	Iron	<5.0	µg/L	IT
0	Lead	3.0	µg/L	GE
0	Lead	4.1	µg/L	IT
0	Magnesium	400	µg/L	GE
0	Magnesium	359	µg/L	IT
0	Manganese	5.8	µg/L	GE
0	Manganese	5.6	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,210	µg/L	GE
0	Nitrate as nitrogen	1,100	µg/L	IT
0	Nitrate as nitrogen	1,110	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,800	µg/L	GE
0	Silica	7,970	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,700	µg/L	GE
0	Sodium	2,350	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	53,000	µg/L	GE
0	Total dissolved solids	42,000	µg/L	IT
0	Total dissolved solids	40,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,720	µg/L	IT
0	Total organic halogens	14	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	30	µg/L	GE
0	Total phosphates (as P)	181	µg/L	IT
1	Total phosphates (as P)	228	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT

WELL HSB 66 collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<1.0	µg/L	IT
0	Zinc	27	µg/L	GE
0	Zinc	25	µg/L	IT
2	Americium-241	1.9E-08±2.0E-09	µCi/mL	IT
0	Antimony-125	<3.9E-08	µCi/mL	IT
0	Antimony-125	<4.3E-08	µCi/mL	IT
0	Cerium-141	<8.3E-08	µCi/mL	IT
0	Cerium-141	<7.8E-09	µCi/mL	IT
0	Cerium-144	<2.6E-07	µCi/mL	IT
0	Cerium-144	<2.6E-07	µCi/mL	IT
0	Cesium-134	<2.8E-08	µCi/mL	IT
0	Cesium-134	<3.0E-08	µCi/mL	IT
0	Cesium-137	<5.7E-09	µCi/mL	IT
0	Cesium-137	<5.4E-09	µCi/mL	IT
0	Cobalt-58	<6.4E-09	µCi/mL	IT
0	Cobalt-58	<5.2E-09	µCi/mL	IT
0	Cobalt-60	<7.8E-09	µCi/mL	IT
0	Cobalt-60	<7.5E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	2.7E-09±2.1E-09	µCi/mL	IT
0	Manganese-54	<5.5E-09	µCi/mL	IT
0	Manganese-54	<5.7E-09	µCi/mL	IT
0	Niobium-95	<6.0E-09	µCi/mL	IT
0	Niobium-95	<5.1E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
2	Radium-226	8.4E-09±1.7E-09	µCi/mL	IT
2	Radium-226	9.3E-09±1.8E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Radium-228	<9.5E-08	µCi/mL	IT
0	Ruthenium-103	<5.2E-09	µCi/mL	IT
0	Ruthenium-103	<4.9E-09	µCi/mL	IT
0	Ruthenium-106	<5.0E-08	µCi/mL	IT
0	Ruthenium-106	<4.9E-08	µCi/mL	IT
0	Sodium-22	<7.3E-09	µCi/mL	IT
0	Sodium-22	<6.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	1.2E-09±2.0E-10	µCi/mL	IT
1	Thorium-232	8.4E-09±2.6E-09	µCi/mL	IT
0	Thorium-232	4.6E-09±1.9E-09	µCi/mL	IT
0	Total radium	1.3E-09±3.3E-09	µCi/mL	GE
1	Tritium	1.7E-05±4.0E-07	µCi/mL	GE
1	Tritium	1.6E-05±2.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	1.3E-09±5.0E-10	µCi/mL	IT
0	Uranium-235	<3.9E-08	µCi/mL	IT
0	Uranium-235	<3.8E-08	µCi/mL	IT
0	Uranium-238	1.7E-09±8.0E-10	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.2E-08	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.2E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91 — Time: 13:30
Depth to water: 14.06 ft (4.29 m) below TOC — pH: 4.0
Water elevation: 223.74 ft (68.20 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 169 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.2	pH	IT
0	Specific conductance	174	µS/cm	IT
2	Aluminum	1,600	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	45	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,780	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,420	µg/L	IT

WELL HSB 67 collected on 01/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	7.4	µg/L	IT
0	Copper	23	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	5.9	µg/L	IT
0	Lead	3.3	µg/L	IT
0	Magnesium	1,710	µg/L	IT
2	Manganese	209	µg/L	IT
2	Mercury	2.1	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	14,100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	578	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	15,700	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	106,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	17	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	9.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	10	µg/L	IT
2	Gross alpha	4.0E-08±5.0E-09	µCi/mL	IT
2	Nonvolatile beta	1.2E-08±2.0E-07	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
2	Strontium-90	5.4E-07±6.0E-08	µCi/mL	IT
0	Total activity	3.8E-03±1.3E-05	µCi/mL	EM
2	Total radium	1.9E-08±2.0E-09	µCi/mL	IT
2	Tritium	4.3E-03±5.0E-04	µCi/mL	IT

WELL HSB 67

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91 — Time: 11:00
Depth to water: 12.70 ft (3.87 m) below TOC — pH: 4.2
Water elevation: 225.10 ft (68.61 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 150 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 64 gal

WELL HSB 68

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91 — Time: 14:20
Depth to water: 27.97 ft (8.53 m) below TOC — pH: 3.7
Water elevation: 222.13 ft (67.71 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 324 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 23 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.9	pH	IT
1	Specific conductance	284	µS/cm	IT
2	Aluminum	4,860	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	99	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT

ANALYTICAL RESULTS

WELL HSB 68 collected on 01/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,430	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,360	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	8.9	µg/L	IT
0	Copper	79	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	26	µg/L	IT
0	Lead	11	µg/L	IT
0	Magnesium	652	µg/L	IT
2	Manganese	497	µg/L	IT
2	Mercury	2.5	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	18	µg/L	IT
2	Nitrate as nitrogen	26,100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,320	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	16,000	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	26,800	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	186,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	245	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	54	µg/L	IT
2	Gross alpha	3.2E-08±5.0E-09	µCi/mL	IT
2	Nonvolatile beta	5.5E-06±6.0E-07	µCi/mL	IT
0	Total activity	1.9E-02±9.6E-05	µCi/mL	EM
2	Total radium	2.1E-08±3.0E-09	µCi/mL	IT
2	Tritium	1.7E-02±2.0E-03	µCi/mL	IT

WELL HSB 68A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91
Depth to water: 78.44 ft (23.91 m) below TOC
Water elevation: 170.96 ft (52.11 m) msl
Sp. conductance: 140 µS/cm
Water evacuated before sampling: 324 gal

Time: 15:10
pH: 6.7
Alkalinity ($CaCO_3$): 41 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	IT
0	pH	6.9	pH	IT
0	Specific conductance	138	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	25	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	22,100	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,400	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT

WELL HSB 68A collected on 01/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
1	Cyanide	11	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	498	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,080	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	21,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,670	µg/L	IT
0	Sulfate	5,990	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	124,000	µg/L	IT
0	Total dissolved solids	121,000	µg/L	IT
0	Total organic carbon	1,370	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	188	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	9.2E-09±3.5E-09	µCi/mL	IT
2	Total radium	5.1E-08±6.0E-09	µCi/mL	IT
1	Tritium	1.5E-05±2.0E-06	µCi/mL	IT

WELL HSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 32.72 ft (9.97 m) below TOC
Water elevation: 217.28 ft (66.23 m) msl
Sp. conductance: 104 µS/cm
Water evacuated before sampling: 47 gal
The well went dry during purging

Time: 9.30
pH: 9.1
Alkalinity ($CaCO_3$): 31 mg/L
Water temperature: 17.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.7	pH	IT
0	Specific conductance	95	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	30	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	45,000	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,310	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT

WELL HSB 68B collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	6.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	773	µg/L	IT
0	Manganese	3.7	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	920	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	544	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	18,200	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,830	µg/L	IT
0	Sulfate	2,120	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	103,000	µg/L	IT
0	Total organic carbon	2,760	µg/L	IT
0	Total organic halogens	<10	µg/L	IT
0	Total phosphates (as P)	173	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	1.0	µg/L	IT
0	Zinc	13	µg/L	IT
0	Gross alpha	2.8E-09±1.8E-09	µCi/mL	IT
0	Nonvolatile beta	1.2E-08±4.0E-09	µCi/mL	IT
0	Total radium	2.3E-09±5.0E-10	µCi/mL	IT
2	Tritium	4.9E-04±5.0E-05	µCi/mL	IT

WELL HSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 32.06 ft (9.77 m) below TOC
Water elevation: 218.04 ft (66.46 m) msl
Sp. conductance: 102 µS/cm
Water evacuated before sampling: 20 gal
The well went dry during purging.

Time: 9:15
pH: 5.9
Alkalinity ($CaCO_3$): 6 mg/L
Water temperature: 17.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	99	µS/cm	IT
0	Aluminum	21	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	12	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	3,580	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,170	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	188	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT

WELL HSB 68C collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Fluoride	<250	µg/L	IT
2	Iron	1,040	µg/L	IT
0	Lead	14	µg/L	IT
0	Magnesium	842	µg/L	IT
1	Manganese	42	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
1	Nitrate as nitrogen	8,210	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	518	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,470	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	10,500	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	89,000	µg/L	IT
0	Total organic carbon	2,860	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	36	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	111	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	7.9E-09±3.1E-09	µCi/mL	IT
0	Total activity	1.2E-03±7.6E-06	µCi/mL	EM
0	Total radium	1.3E-09±4.0E-10	µCi/mL	IT
0	Total radium	1.3E-09±4.0E-10	µCi/mL	IT
2	Tritium	1.1E-03±2.0E-04	µCi/mL	IT

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91
Depth to water: 16.04 ft (4.89 m) below TOC
Water elevation: 219.96 ft (67.04 m) msl
Sp. conductance: 236 µS/cm
Water evacuated before sampling: 55 gal

Time: 15:00
pH: 3.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.9	pH	IT
0	Specific conductance	245	µS/cm	IT
2	Aluminum	5,260	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	151	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,990	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,270	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	14	µg/L	IT
0	Copper	25	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	570	µg/L	IT
0	Iron	34	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	3,260	µg/L	IT
2	Manganese	674	µg/L	IT
0	Mercury	0.22	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	24	µg/L	IT
2	Nitrate as nitrogen	19,700	µg/L	IT

ANALYTICAL RESULTS

WELL HSB 69 collected on 01/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Nitrate as nitrogen	21,100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,600	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	16,300	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	11,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	137,000	µg/L	IT
0	Total organic carbon	1,070	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	72	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	9.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	66	µg/L	IT
2	Americium-241	4.0E-09 ± 1.0E-09	µCi/mL	IT
0	Antimony-125	<5.9E-08	µCi/mL	IT
0	Cerium-141	<9.8E-09	µCi/mL	IT
0	Cerium-144	<3.6E-07	µCi/mL	IT
0	Cesium-134	<4.1E-08	µCi/mL	IT
0	Cesium-137	<8.0E-09	µCi/mL	IT
0	Cobalt-58	<8.7E-09	µCi/mL	IT
2	Cobalt-60	2.1E-07 ± 3.0E-08	µCi/mL	IT
2	Gross alpha	2.3E-08 ± 4.0E-09	µCi/mL	IT
0	Manganese-54	<9.2E-09	µCi/mL	IT
0	Niobium-95	<8.5E-09	µCi/mL	IT
2	Nonvolatile beta	3.0E-08 ± 3.0E-07	µCi/mL	IT
2	Radium-226	2.0E-08 ± 3.0E-09	µCi/mL	IT
2	Radium-226	1.2E-08 ± 2.0E-09	µCi/mL	IT
2	Radium-228	1.1E-06 ± 2.0E-07	µCi/mL	IT
0	Radium-228	<1.3E-07	µCi/mL	IT
0	Ruthenium-103	<8.7E-09	µCi/mL	IT
0	Ruthenium-106	<8.6E-08	µCi/mL	IT
0	Sodium-22	<9.2E-09	µCi/mL	IT
2	Strontium-89	1.2E-07 ± 2.0E-08	µCi/mL	IT
2	Strontium-90	2.1E-08 ± 3.0E-07	µCi/mL	IT
0	Thorium-232	<1.2E-08	µCi/mL	IT
0	Total activity	2.9E-03 ± 3.7E-05	µCi/mL	EM
2	Tritium	3.1E-03 ± 4.0E-04	µCi/mL	IT
2	Tritium	3.1E-03 ± 4.0E-04	µCi/mL	IT
1	Uranium-234	2.2E-08 ± 3.0E-09	µCi/mL	IT
0	Uranium-235	1.2E-08 ± 2.0E-09	µCi/mL	IT
0	Uranium-235	<4.7E-08	µCi/mL	IT
0	Uranium-238	1.2E-08 ± 2.0E-09	µCi/mL	IT
0	Uranium-238	<1.6E-07	µCi/mL	IT
0	Zinc-65	<2.2E-08	µCi/mL	IT
0	Zirconium-95	<1.9E-08	µCi/mL	IT

WELL HSB 69

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91
Depth to water: 15.34 ft (4.68 m) below TOC
Water elevation: 220.66 ft (67.26 m) msl
Sp. conductance: 211 µS/cm
Water evacuated before sampling: 57 gal

Time: 10:10
pH: 3.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.4°C

WELL HSB 69A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91
Depth to water: 65.51 ft (19.97 m) below TOC
Water elevation: 171.09 ft (52.15 m) msl
Sp. conductance: 173 µS/cm
Water evacuated before sampling: 231 gal

Time: 15:20
pH: 7.0
Alkalinity ($CaCO_3$): 57 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	IT
0	pH	7.0	pH	IT
0	Specific conductance	164	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Barium	25	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	27,200	µg/L	IT

WELL HSB 69A collected on 01/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,140	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	685	µg/L	IT
0	Manganese	15	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	140	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	991	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	25,300	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,950	µg/L	IT
0	Sulfate	6,690	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	J 2.0	µg/L	IT
0	Total dissolved solids	139,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	5.5	µg/L	IT
1	Total phosphates (as P)	314	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	94	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	3.8	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.3E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB 70

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91
Depth to water: 17.61 ft (5.37 m) below TOC
Water elevation: 225.19 ft (68.64 m) msl
Sp. conductance: 78 µS/cm
Water evacuated before sampling: 51 gal

Time: 12:55
pH: 5.1
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	pH	5.2	pH	IT
0	Specific conductance	74	µS/cm	IT
0	Aluminum	10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	82	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,980	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,770	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT

WELL HSB 70 collected on 01/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Copper	347	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	35	µg/L	IT
0	Lead	24	µg/L	IT
0	Magnesium	1,920	µg/L	IT
0	Manganese	15	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	3.7	µg/L	IT
0	Nitrate as nitrogen	3,310	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	815	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,190	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,090	µg/L	IT
0	Sulfate	4,540	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	38,000	µg/L	IT
0	Total dissolved solids	46,000	µg/L	IT
0	Total organic carbon	1,050	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	63	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.1E-08 ± 4.0E-09	µCi/mL	IT
0	Total activity	1.9E-04 ± 3.2E-06	µCi/mL	EM
0	Total radium	1.1E-09 ± 3.0E-10	µCi/mL	IT
2	Tritium	1.7E-04 ± 2.0E-05	µCi/mL	IT

WELL HSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91 — Time: 8:50
Depth to water: 19.30 ft (5.88 m) below TOC — pH: 11.8
Water elevation: 223.80 ft (68.22 m) msl — Alkalinity ($CaCO_3$): 61 mg/L
Sp. conductance: 747 µS/cm — Water temperature: 17.8°C
Water evacuated before sampling: 28 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	IT
1	Specific conductance	395	µS/cm	IT
1	Specific conductance	381	µS/cm	IT
2	Aluminum	242	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	85	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	28,600	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,640	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	2.8	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT

WELL HSB 70C collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	214	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	13,500	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,560	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,860	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	17,900	µg/L	IT
0	Sulfate	3,450	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	194,000	µg/L	IT
0	Total organic carbon	1,850	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	1.4	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Gross alpha	2.0E-09 ± 1.6E-09	µCi/mL	IT
1	Nonvolatile beta	3.6E-08 ± 5.0E-09	µCi/mL	IT
0	Total activity	1.9E-03 ± 9.5E-06	µCi/mL	EM
0	Total radium	1.2E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	1.8E-03 ± 2.0E-04	µCi/mL	IT

WELL HSB 71

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91 — Time: 12:10
Depth to water: 13.89 ft (4.17 m) below TOC — pH: 5.4
Water elevation: 227.71 ft (69.41 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 45 µS/cm — Water temperature: 15.2°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	IT
0	Specific conductance	38	µS/cm	IT
0	Aluminum	13	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.7	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,130	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,000	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	21	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	15	µg/L	IT
0	Lead	4.4	µg/L	IT
0	Magnesium	1,070	µg/L	IT

ANALYTICAL RESULTS

WELL HSB 71 collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Manganese	1.8	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	3,710	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,200	µg/L	IT
0	Sulfate	6,660	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	4,300	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	12	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total activity	9.6E-05±2.4E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	8.5E-05±9.0E-06	µCi/mL	IT

WELL HSB 71C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91
Depth to water: 16.11 ft (4.91 m) below TOC
Water elevation: 225.49 ft (68.73 m) msl
Sp. conductance: 775 µS/cm
Water evacuated before sampling: 23 gal
The well went dry during purging.

Time: 10:25
pH: 11.3
Alkalinity ($CaCO_3$): 132 mg/L
Water temperature: 17.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	IT
2	pH	11	pH	IT
2	Specific conductance	703	µS/cm	IT
0	Aluminum	104	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	98	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	33,600	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	5,490	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	3.4	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	330	µg/L	IT
0	Iron	19	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	3,080	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	54,300	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
1	Potassium	6,510	µg/L	IT

WELL HSB 71C collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Selenium	<3.0	µg/L	IT
0	Silica	4,630	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	69,400	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	430,000	µg/L	IT
0	Total organic carbon	1,600	µg/L	IT
0	Total organic halogens	6.8	µg/L	IT
1	Total phosphates (as P)	274	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.080	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	2.2	µg/L	IT
0	Gross alpha	6.8E-09±2.8E-09	µCi/mL	IT
2	Nonvolatile beta	1.9E-07±2.0E-08	µCi/mL	IT
0	Total activity	9.3E-03±6.5E-05	µCi/mL	EM
2	Total radium	6.1E-09±7.0E-10	µCi/mL	IT
2	Total radium	6.2E-09±9.0E-10	µCi/mL	IT
2	Tritium	8.0E-03±8.0E-04	µCi/mL	IT

WELL HSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91
Depth to water: 65.06 ft (19.83 m) below TOC
Water elevation: 172.24 ft (52.50 m) msl
Sp. conductance: 192 µS/cm
Water evacuated before sampling: 281 gal

Time: 11:00
pH: 7.0
Alkalinity ($CaCO_3$): 89 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	IT
0	Specific conductance	191	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Barium	28	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	31,400	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,440	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	2.9	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0080	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	668	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	220	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	824	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	23,200	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,810	µg/L	IT
0	Sulfate	6,010	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	139,000	µg/L	IT

WELL HSB 83A collected on 01/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	5.4	µg/L	IT
0	Total phosphates (as P)	110	µg/L	IT
0	Toxaphene	<0.24	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	24	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	3.9	µg/L	IT
0	Gross alpha	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91
Depth to water: 14.49 ft (4.42 m) below TOC
Water elevation: 222.51 ft (67.82 m) msl
Sp. conductance: 121 µS/cm
Water evacuated before sampling: 266 gal

Time: 11:45
pH: 6.8
Alkalinity ($CaCO_3$): 38 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	IT
0	Specific conductance	117	µS/cm	IT
0	Aluminum	17	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Barium	41	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	18,800	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,270	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	3.2	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0080	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	5.9	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	518	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,280	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	24,200	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,690	µg/L	IT
0	Sulfate	1,450	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	106,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
2	Total phosphates (as P)	533	µg/L	IT
0	Toxaphene	<0.24	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT

WELL HSB 83B collected on 01/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Zinc	21	µg/L	IT
0	Gross alpha	<3.0E-08	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	4.8E-06 ± 5.0E-07	µCi/mL	IT

WELL HSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91
Depth to water: 12.83 ft (3.91 m) below TOC
Water elevation: 224.27 ft (68.36 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 168 gal

Time: 11:25
pH: 5.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	Specific conductance	25	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Barium	2.4	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,050	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,580	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	3.4	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	8.1	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	6.2	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	420	µg/L	IT
0	Manganese	6.1	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	12,300	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,510	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	139,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	6.2	µg/L	IT
0	Total phosphates (as P)	101	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	13	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	7.2	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	1.0E-06 ± 1.0E-07	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91
Depth to water: 12.65 ft (3.86 m) below TOC
Water elevation: 224.35 ft (68.38 m) msl
Sp. conductance: 175 µS/cm
Water evacuated before sampling: 84 gal

Time: 10:25
pH: 5.1
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	Specific conductance	126	µS/cm	IT
0	Aluminum	56	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	50	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	3,030	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,770	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	11	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	14	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,780	µg/L	IT
2	Manganese	62	µg/L	IT
0	Mercury	0.58	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	12,800	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	668	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,030	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	18,400	µg/L	IT
0	Sulfate	2,530	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	99,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	6.5	µg/L	IT
0	Total phosphates (as P)	17	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	18	µg/L	IT
0	Gross alpha	5.2E-09 ± 2.0E-09	µCi/mL	IT
1	Nonvolatile beta	3.1E-08 ± 5.0E-09	µCi/mL	IT
0	Total activity	5.2E-03 ± 1.5E-05	µCi/mL	EM
0	Total radium	1.6E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	5.7E-03 ± 6.0E-04	µCi/mL	IT

WELL HSB 84A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91
Depth to water: 57.79 ft (17.61 m) below TOC
Water elevation: 170.91 ft (52.09 m) msl
Sp. conductance: 109 µS/cm
Water evacuated before sampling: 279 gal

Time: 11:35
pH: 6.6
Alkalinity ($CaCO_3$): 33 mg/L
Water temperature: 16.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	IT
0	Specific conductance	105	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	3.8	µg/L	IT
0	Barium	27	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	16,600	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,480	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	809	µg/L	IT
0	Manganese	23	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	360	µg/L	IT
0	Nitrate as nitrogen	350	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	854	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	20,200	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,330	µg/L	IT
0	Sulfate	6,340	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	99,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	382	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<2.8E-08	µCi/mL	IT
0	Cerium-141	<5.4E-09	µCi/mL	IT
0	Cerium-144	<1.9E-07	µCi/mL	IT
0	Cesium-134	<1.9E-08	µCi/mL	IT
0	Cesium-137	<3.8E-09	µCi/mL	IT
0	Cobalt-58	<4.0E-09	µCi/mL	IT
0	Cobalt-60	<5.2E-09	µCi/mL	IT
0	Gross alpha	2.6E-09 ± 1.7E-09	µCi/mL	IT
0	Manganese-54	<3.6E-09	µCi/mL	IT
0	Niobium-95	<4.1E-09	µCi/mL	IT
2	Nonvolatile beta	4.1E-07 ± 5.0E-08	µCi/mL	IT
1	Radium-226	2.1E-09 ± 5.0E-10	µCi/mL	IT
0	Radium-226	1.8E-09 ± 5.0E-10	µCi/mL	IT
2	Radium-228	8.4E-09 ± 1.4E-09	µCi/mL	IT
2	Radium-228	5.5E-08 ± 8.0E-09	µCi/mL	IT
2	Radium-228	6.7E-08 ± 7.0E-09	µCi/mL	IT
0	Radium-228	<6.6E-08	µCi/mL	IT
0	Ruthenium-103	<3.6E-09	µCi/mL	IT

WELL HSB 84A collected on 01/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Ruthenium-106	<3.2E-08	µCi/mL	IT
0	Sodium-22	<5.4E-09	µCi/mL	IT
0	Strontium-89	3.8E-09±4.0E-10	µCi/mL	IT
2	Strontium-90	2.1E-07±3.0E-08	µCi/mL	IT
0	Thorium-232	4.5E-09±1.6E-09	µCi/mL	IT
2	Tritium	2.4E-04±3.0E-05	µCi/mL	IT
0	Uranium-234	3.4E-09±1.0E-09	µCi/mL	IT
0	Uranium-235	2.6E-09±9.0E-10	µCi/mL	IT
0	Uranium-235	<2.6E-08	µCi/mL	IT
0	Uranium-238	3.9E-09±1.1E-09	µCi/mL	IT
0	Uranium-238	<8.1E-08	µCi/mL	IT
0	Zinc-65	<9.9E-09	µCi/mL	IT
0	Zirconium-95	<8.9E-09	µCi/mL	IT

WELL HSB 84B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91
Depth to water: 17.87 ft (5.45 m) below TOC
Water elevation: 211.03 ft (64.32 m) msl
Sp. conductance: 193 µS/cm
Water evacuated before sampling: 234 gal
Time: 13:40
pH: 7.7
Alkalinity ($CaCO_3$): 69 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	IT
0	Specific conductance	183	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	49	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	32,300	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,510	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	580	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	320	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,910	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	34,900	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,950	µg/L	IT
0	Sulfate	3,880	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	144,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	136	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT

WELL HSB 84B collected on 01/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	6.7E-05±7.0E-06	µCi/mL	IT

WELL HSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 15.05 ft (4.59 m) below TOC
Water elevation: 214.05 ft (65.24 m) msl
Sp. conductance: 93 µS/cm
Water evacuated before sampling: 16 gal
The well went dry during purging.
Time: 8:45
pH: 7.5
Alkalinity ($CaCO_3$): 27 mg/L
Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.6	pH	IT
0	Specific conductance	84	µS/cm	IT
0	Aluminum	43	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	19	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	2.1	µg/L	IT
0	Calcium	9,710	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,530	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	90	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	602	µg/L	IT
0	Manganese	2.3	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,400	µg/L	IT
0	Nitrate as nitrogen	1,380	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,690	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,240	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	58,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	78	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	38	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	3.3E-04±4.1E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	3.0E-04±3.0E-05	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB 84D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91 Time: 11:50
Depth to water: 9.35 ft (2.85 m) below TOC pH: 4.3
Water elevation: 219.45 ft (66.89 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 117 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.2	pH	IT
0	Specific conductance	113	µS/cm	IT
2	Aluminum	857	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	21	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,640	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,000	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
U	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	8.7	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	506	µg/L	IT
2	Manganese	100	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	3.5	µg/L	IT
1	Nitrate as nitrogen	8,610	µg/L	IT
1	Nitrate as nitrogen	8,270	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	509	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	9,380	µg/L	IT
0	Sulfate	2,030	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	83,000	µg/L	IT
0	Total organic carbon	1,050	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	46	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	17	µg/L	IT
1	Gross alpha	1.1E-08 ± 3.0E-09	µCi/mL	IT
2	Nonvolatile beta	1.4E-06 ± 2.0E-07	µCi/mL	IT
0	Total activity	1.6E-03 ± 8.8E-06	µCi/mL	EM
2	Total radium	6.9E-09 ± 7.0E-10	µCi/mL	IT
2	Total radium	8.4E-09 ± 1.0E-09	µCi/mL	IT
2	Tritium	1.4E-03 ± 2.0E-04	µCi/mL	IT

WELL HSB 85A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91 Time: 15:30
Depth to water: 126.25 ft (38.48 m) below TOC pH: 6.9
Water elevation: 168.15 ft (51.25 m) msl Alkalinity ($CaCO_3$): 65 mg/L
Sp. conductance: 188 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 281 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	IT
0	pH	7.0	pH	IT
0	Specific conductance	178	µS/cm	IT
0	Turbidity	0	NTU	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	30	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	30,300	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,280	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	17	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	716	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,070	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	24,600	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,650	µg/L	IT
0	Sulfate	6,480	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	142,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	148	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	25	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	<5.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
2	Amencium-241	3.9E-08 ± 4.0E-09	µCi/mL	IT
0	Antimony-125	<3.8E-08	µCi/mL	IT
0	Cerium-141	<8.4E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cesium-134	<3.2E-08	µCi/mL	IT
0	Cesium-137	<6.3E-09	µCi/mL	IT
0	Cobalt-58	<6.3E-09	µCi/mL	IT
0	Cobalt-60	<7.4E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<5.8E-09	µCi/mL	IT
0	Niobium-95	<5.4E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT

WELL HSB 85A collected on 01/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Radium-228	< 1.0E-07	µCi/mL	IT
0	Ruthenium-103	< 5.4E-09	µCi/mL	IT
0	Ruthenium-106	< 5.0E-08	µCi/mL	IT
0	Sodium-22	< 8.3E-09	µCi/mL	IT
0	Strontium-89	< 1.0E-09	µCi/mL	IT
0	Strontium-90	< 1.0E-09	µCi/mL	IT
0	Thorium-232	< 9.7E-09	µCi/mL	IT
0	Tritium	< 1.0E-06	µCi/mL	IT
0	Uranium-234	< 1.0E-09	µCi/mL	IT
0	Uranium-235	2.4E-09 ± 1.0E-09	µCi/mL	IT
0	Uranium-235	< 4.0E-08	µCi/mL	IT
0	Uranium-238	2.8E-09 ± 1.1E-09	µCi/mL	IT
0	Uranium-238	< 1.2E-07	µCi/mL	IT
0	Zinc-65	< 1.4E-08	µCi/mL	IT
0	Zirconium-95	< 1.3E-08	µCi/mL	IT

WELL HSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: 62.57 ft (19.07 m) below TOC
Water elevation: 231.93 ft (70.69 m) msl
Sp. conductance: 120 µS/cm
Water evacuated before sampling: 47 gal
The well went dry during purging.

Time: 15:05
pH: 9.8
Alkalinity ($CaCO_3$): 43 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.8	pH	IT
0	Specific conductance	106	µS/cm	IT
0	Turbidity	0.33	NTU	IT
0	Turbidity	0.29	NTU	IT
0	Aluminum	< 10	µg/L	IT
0	Antimony	< 3.0	µg/L	IT
0	Arsenic	< 2.0	µg/L	IT
0	Barium	28	µg/L	IT
0	Benzene	< 5.0	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	Bromodichloromethane	< 5.0	µg/L	IT
0	Bromoform	< 5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	< 10	µg/L	IT
0	Cadmium	< 1.5	µg/L	IT
2	Calcium	34,800	µg/L	IT
0	Carbon tetrachloride	< 5.0	µg/L	IT
0	Chloride	1,700	µg/L	IT
0	Chlorobenzene	< 5.0	µg/L	IT
0	Chloroethane	< 10	µg/L	IT
0	Chloroethene (Vinyl chloride)	< 10	µg/L	IT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	IT
0	Chloroform	< 5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	< 10	µg/L	IT
0	Chromium	< 2.5	µg/L	IT
0	Cobalt	< 5.0	µg/L	IT
0	Copper	< 2.0	µg/L	IT
0	Cyanide	< 5.0	µg/L	IT
0	Dibromochloromethane	< 5.0	µg/L	IT
0	1,1-Dichloroethane	< 5.0	µg/L	IT
0	1,2-Dichloroethane	< 5.0	µg/L	IT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	IT
0	1,1-Dichloroethylene	< 5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	J 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.10	µg/L	IT
0	1,2-Dichloropropane	< 5.0	µg/L	IT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	IT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	IT
0	Endrin	< 0.020	µg/L	IT
0	Ethylbenzene	< 5.0	µg/L	IT
0	Fluoride	< 250	µg/L	IT
0	Iron	< 5.0	µg/L	IT
0	Lead	< 2.0	µg/L	IT
0	Magnesium	1,120	µg/L	IT
0	Manganese	< 1.0	µg/L	IT
0	Mercury	< 0.20	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	IT
0	Nickel	< 2.5	µg/L	IT
0	Nitrate as nitrogen	< 100	µg/L	IT
0	Phenols	< 5.0	µg/L	IT
0	Potassium	814	µg/L	IT
0	Selenium	< 3.0	µg/L	IT
0	Silica	16,400	µg/L	IT
0	Silver	< 2.5	µg/L	IT
0	Sodium	4,840	µg/L	IT
0	Sulfate	3,130	µg/L	IT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	IT
0	Tetrachloroethylene	< 5.0	µg/L	IT
0	Tin	< 100	µg/L	IT
0	Toluene	< 5.0	µg/L	IT
0	Total dissolved solids	91,000	µg/L	IT
0	Total organic carbon	1,100	µg/L	IT
0	Total organic halogens	< 5.0	µg/L	IT
0	Total phosphates (as P)	61	µg/L	IT
0	Toxaphene	< 0.50	µg/L	IT
0	2,4,5-TP (Silvex)	< 0.020	µg/L	IT
0	1,1,1-Trichloroethane	< 5.0	µg/L	IT
0	1,1,2-Trichloroethane	< 5.0	µg/L	IT
0	Trichloroethylene	< 5.0	µg/L	IT

WELL HSB 85B collected on 01/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	< 10	µg/L	IT
0	Vanadium	1.6	µg/L	IT
0	Xylenes	< 5.0	µg/L	IT
0	Zinc	< 2.0	µg/L	IT
2	Americium-241	7.8E-09 ± 1.1E-09	µCi/mL	IT
0	Antimony-125	< 2.9E-08	µCi/mL	IT
0	Cerium-141	< 5.3E-09	µCi/mL	IT
0	Cerium-144	< 1.8E-07	µCi/mL	IT
0	Cesium-134	< 2.0E-08	µCi/mL	IT
0	Cesium-137	< 3.6E-09	µCi/mL	IT
0	Cobalt-58	< 3.9E-09	µCi/mL	IT
0	Cobalt-60	< 5.1E-09	µCi/mL	IT
0	Gross alpha	< 2.0E-09	µCi/mL	IT
0	Manganese-54	< 3.5E-09	µCi/mL	IT
0	Niobium-95	< 3.7E-09	µCi/mL	IT
0	Nonvolatile beta	< 5.0E-09	µCi/mL	IT
0	Radium-226	< 1.0E-09	µCi/mL	IT
0	Radium-226	< 1.4E-08	µCi/mL	IT
0	Radium-228	< 1.0E-09	µCi/mL	IT
0	Radium-228	< 8.7E-08	µCi/mL	IT
0	Ruthenium-103	< 3.4E-09	µCi/mL	IT
0	Ruthenium-106	< 3.3E-08	µCi/mL	IT
0	Sodium-22	< 5.0E-09	µCi/mL	IT
0	Strontium-89	< 1.0E-09	µCi/mL	IT
0	Strontium-90	< 1.0E-09	µCi/mL	IT
0	Thorium-232	< 8.0E-09	µCi/mL	IT
0	Tritium	< 1.0E-06	µCi/mL	IT
0	Uranium-234	< 1.0E-09	µCi/mL	IT
0	Uranium-235	1.1E-09 ± 5.0E-10	µCi/mL	IT
0	Uranium-235	< 2.4E-08	µCi/mL	IT
0	Uranium-238	2.5E-09 ± 7.0E-10	µCi/mL	IT
0	Uranium-238	< 7.9E-08	µCi/mL	IT
0	Zinc-65	< 8.1E-09	µCi/mL	IT
0	Zirconium-95	< 8.6E-09	µCi/mL	IT

WELL HSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: 57.39 ft (17.49 m) below TOC
Water elevation: 236.71 ft (72.15 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 59 gal

Time: 14:50
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	IT
0	Specific conductance	27	µS/cm	IT
0	Turbidity	0.24	NTU	IT
0	Aluminum	30	µg/L	IT
0	Antimony	< 3.0	µg/L	IT
0	Arsenic	< 2.0	µg/L	IT
0	Barium	5.3	µg/L	IT
0	Benzene	< 5.0	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	Bromodichloromethane	< 5.0	µg/L	IT
0	Bromoform	< 5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	< 10	µg/L	IT
0	Cadmium	< 1.5	µg/L	IT
0	Calcium	195	µg/L	IT
0	Carbon tetrachloride	< 5.0	µg/L	IT
0	Chloride	2,060	µg/L	IT
0	Chloride	2,130	µg/L	IT
0	Chlorobenzene	< 5.0	µg/L	IT
0	Chloroethane	< 10	µg/L	IT
0	Chloroethene (Vinyl chloride)	< 10	µg/L	IT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	IT
0	Chloroform	< 5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	< 10	µg/L	IT
0	Chromium	< 2.5	µg/L	IT
0	Cobalt	< 5.0	µg/L	IT
0	Copper	24	µg/L	IT
0	Cyanide	< 5.0	µg/L	IT
0	Dibromochloromethane	< 5.0	µg/L	IT
0	1,1-Dichloroethane	< 5.0	µg/L	IT
0	1,2-Dichloroethane	< 5.0	µg/L	IT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	IT
0	1,1-Dichloroethylene	< 5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	J 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.10	µg/L	IT
0	1,2-Dichloropropane	< 5.0	µg/L	IT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	IT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	IT
0	Endrin	< 0.020	µg/L	IT
0	Ethylbenzene	< 5.0	µg/L	IT
0	Fluoride	< 250	µg/L	IT
0	Fluoride	< 250	µg/L	IT
0	Iron	< 5.0	µg/L	IT
0	Lead	< 2.0	µg/L	IT
0	Magnesium	104	µg/L	IT
0	Manganese	2.5	µg/L	IT
0	Mercury	< 0.20	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	IT
0	Nickel	< 2.5	µg/L	IT
0	Nitrate as nitrogen	1,360	µg/L	IT

ANALYTICAL RESULTS

WELL HSB 85C collected on 01/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,770	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,410	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tin	<100	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	10,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	6.7	µg/L	IT
0	Total phosphates (as P)	18	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Xylenes	J 3.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<2.7E-08	µCi/mL	IT
0	Cerium-141	<5.3E-09	µCi/mL	IT
0	Cerium-144	<1.8E-07	µCi/mL	IT
0	Cesium-134	<2.0E-08	µCi/mL	IT
0	Cesium-137	<3.7E-09	µCi/mL	IT
0	Cobalt-58	<3.7E-09	µCi/mL	IT
0	Cobalt-60	<4.8E-09	µCi/mL	IT
0	Gross alpha	<2.0E-08	µCi/mL	IT
0	Manganese-54	<3.7E-09	µCi/mL	IT
0	Niobium-95	<3.9E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.4E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<6.4E-08	µCi/mL	IT
0	Ruthenium-103	<3.4E-09	µCi/mL	IT
0	Ruthenium-106	<3.2E-08	µCi/mL	IT
0	Sodium-22	<5.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<5.9E-09	µCi/mL	IT
0	Tritium	1.2E-08±2.0E-07	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	1.4E-09±5.0E-10	µCi/mL	IT
0	Uranium-235	<2.5E-08	µCi/mL	IT
0	Uranium-238	1.4E-09±5.0E-10	µCi/mL	IT
0	Uranium-238	<7.9E-08	µCi/mL	IT
0	Zinc-65	<9.2E-09	µCi/mL	IT
0	Zirconium-95	<8.7E-09	µCi/mL	IT

WELL HSB 86A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91
Depth to water: 94.75 ft (28.88 m) below TOC
Water elevation: 167.65 ft (51.10 m) msl
Sp. conductance: 138 µS/cm
Water evacuated before sampling: 274 gal

Time: 10:25
pH: 7.3
Alkalinity ($CaCO_3$): 43 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	IT
0	Specific conductance	127	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	23	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	20,800	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,430	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT

WELL HSB 86A collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	13	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	597	µg/L	IT
0	Manganese	1.1	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	901	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	22,700	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,520	µg/L	IT
0	Sulfate	10,300	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	96,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	196	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.030	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	2.7	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.0E-08	µCi/mL	IT
0	Cerium-141	<7.8E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cesium-134	<3.2E-08	µCi/mL	IT
0	Cesium-137	<8.0E-09	µCi/mL	IT
0	Cobalt-58	<8.0E-09	µCi/mL	IT
0	Cobalt-60	<7.8E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<5.7E-09	µCi/mL	IT
0	Niobium-95	<5.8E-09	µCi/mL	IT
0	Nonvolatile beta	<8.0E-09	µCi/mL	IT
0	Radium-226	1.2E-08±4.0E-10	µCi/mL	IT
2	Radium-226	9.6E-09±2.1E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<5.0E-09	µCi/mL	IT
0	Ruthenium-106	<4.8E-08	µCi/mL	IT
0	Sodium-22	<7.5E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
1	Thorium-232	6.6E-09±2.6E-09	µCi/mL	IT
0	Tritium	1.6E-06±2.0E-07	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.8E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT

WELL HSB 86B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91
Depth to water: 39.80 ft (12.07 m) below TOC
Water elevation: 222.30 ft (67.76 m) msl
Sp. conductance: 214 µS/cm
Water evacuated before sampling: 291 gal

Time: 11:30
pH: 7.7
Alkalinity ($CaCO_3$): 83 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	IT
0	Specific conductance	209	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	35	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT

WELL HSB 86B collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cadmium	<1.5	µg/L	IT
2	Calcium	35,700	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,510	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	709	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	160	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	30,600	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,930	µg/L	IT
0	Sulfate	2,760	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	158,000	µg/L	IT
0	Total dissolved solids	152,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	58	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.030	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	2.9	µg/L	IT
1	Americium-241	2.6E-09 ± 7.0E-10	µCi/mL	IT
0	Antimony-125	<4.3E-08	µCi/mL	IT
0	Cerium-141	<8.3E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cesium-134	<3.0E-08	µCi/mL	IT
0	Cesium-137	<5.9E-09	µCi/mL	IT
0	Cobalt-58	<5.9E-09	µCi/mL	IT
0	Cobalt-60	<7.8E-09	µCi/mL	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Manganese-54	<5.6E-09	µCi/mL	IT
0	Niobium-95	<5.3E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
2	Radium-226	7.7E-09 ± 1.8E-09	µCi/mL	IT
0	Radium-228	1.3E-09 ± 6.0E-10	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<5.2E-09	µCi/mL	IT
0	Ruthenium-106	<4.7E-08	µCi/mL	IT
0	Sodium-22	<7.3E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
1	Thorium-232	6.1E-09 ± 2.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	6.8E-09 ± 1.4E-09	µCi/mL	IT
0	Uranium-235	2.8E-09 ± 9.0E-10	µCi/mL	IT
0	Uranium-235	<3.8E-08	µCi/mL	IT
0	Uranium-238	1.2E-09 ± 6.0E-10	µCi/mL	IT
0	Uranium-238	<1.3E-07	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL HSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91 Time: 11.00
Depth to water: 37.78 ft (11.52 m) below TOC pH: 4.5
Water elevation: 225.12 ft (68.62 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 376 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 94 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	IT
1	Specific conductance	380	µS/cm	IT
2	Aluminum	409	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	82	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
2	Cadmium	18	µg/L	IT
0	Calcium	7,780	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,190	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
2	Cobalt	97	µg/L	IT
0	Copper	2.7	µg/L	IT
1	Cyanide	17	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	20	µg/L	IT
0	Lead	<3.0	µg/L	IT
1	Magnesium	3,950	µg/L	IT
2	Manganese	5,280	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
2	Nickel	161	µg/L	IT
2	Nitrate as nitrogen	38,500	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,120	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	14,600	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	36,400	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	232,000	µg/L	IT
0	Total organic carbon	1,140	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	77	µg/L	IT
0	Americium-241	1.3E-09 ± 8.0E-10	µCi/mL	IT
0	Antimony-125	<5.8E-08	µCi/mL	IT
0	Cerium-141	<9.3E-09	µCi/mL	IT
0	Cerium-144	<3.2E-07	µCi/mL	IT
0	Cesium-134	<4.6E-08	µCi/mL	IT
0	Cesium-137	<8.3E-09	µCi/mL	IT
0	Cobalt-58	<9.3E-09	µCi/mL	IT
2	Cobalt-60	3.2E-07 ± 4.0E-08	µCi/mL	IT
2	Gross alpha	2.8E-08 ± 8.0E-09	µCi/mL	IT
0	Manganese-54	<9.6E-09	µCi/mL	IT
0	Niobium-95	<8.8E-09	µCi/mL	IT
2	Nonvolatile beta	2.8E-07 ± 3.0E-08	µCi/mL	IT
2	Radium-226	1.6E-08 ± 2.0E-09	µCi/mL	IT
2	Radium-226	1.4E-08 ± 3.0E-09	µCi/mL	IT
0	Radium-228	2.1E-09 ± 7.0E-10	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<8.3E-09	µCi/mL	IT
0	Ruthenium-106	<7.0E-08	µCi/mL	IT
0	Sodium-22	<1.0E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB 86C collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Strontium-90	1.2E-09±2.0E-10	µCi/mL	IT
0	Thorium-232	<1.1E-08	µCi/mL	IT
0	Total activity	1.6E-02±8.9E-05	µCi/mL	EM
2	Tritium	1.4E-02±2.0E-03	µCi/mL	IT
0	Uranium-234	2.8E-09±5.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<4.4E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.4E-07	µCi/mL	IT
0	Zinc-65	<2.6E-08	µCi/mL	IT
0	Zirconium-95	<1.9E-08	µCi/mL	IT

WELL HSB 86D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91
Depth to water: 37.74 ft (11.50 m) below TOC
Water elevation: 225.26 ft (68.66 m) msl
Sp. conductance: 311 µS/cm
Water evacuated before sampling: 49 gal

Time: 11:15
pH: 3.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.7	pH	IT
1	Specific conductance	309	µS/cm	IT
2	Aluminum	8,900	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	88	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	3,020	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,870	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	11	µg/L	IT
0	Copper	7.1	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.20	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	480	µg/L	IT
0	Iron	17	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	849	µg/L	IT
2	Manganese	487	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	14	µg/L	IT
2	Nitrate as nitrogen	25,500	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,430	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	26,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	8,840	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	116,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	21	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	90	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<5.7E-08	µCi/mL	IT
0	Cerium-141	<9.0E-09	µCi/mL	IT

WELL HSB 86D collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cerium-144	<3.1E-07	µCi/mL	IT
0	Cesium-134	<3.7E-08	µCi/mL	IT
0	Cesium-137	<7.1E-09	µCi/mL	IT
0	Cobalt-58	<7.6E-09	µCi/mL	IT
2	Cobalt-60	1.2E-07±2.0E-08	µCi/mL	IT
2	Gross alpha	7.3E-08±8.0E-09	µCi/mL	IT
0	Manganese-54	<8.0E-09	µCi/mL	IT
0	Niobium-95	<7.8E-09	µCi/mL	IT
2	Nonvolatile beta	1.2E-06±2.0E-07	µCi/mL	IT
2	Radium-226	2.8E-08±3.0E-09	µCi/mL	IT
2	Radium-226	2.6E-08±3.0E-09	µCi/mL	IT
2	Radium-226	1.8E-08±2.0E-09	µCi/mL	IT
2	Radium-228	1.2E-07±2.0E-08	µCi/mL	IT
2	Radium-228	1.7E-07±2.0E-08	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<5.9E-09	µCi/mL	IT
0	Ruthenium-106	<5.8E-08	µCi/mL	IT
0	Sodium-22	<8.6E-09	µCi/mL	IT
2	Strontium-89	4.6E-08±5.0E-09	µCi/mL	IT
2	Strontium-90	4.6E-07±5.0E-08	µCi/mL	IT
0	Thorium-232	<1.2E-08	µCi/mL	IT
0	Total activity	2.8E-03±3.8E-05	µCi/mL	EM
2	Tritium	2.5E-03±3.0E-04	µCi/mL	IT
0	Uranium-234	2.0E-08±6.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<4.3E-08	µCi/mL	IT
0	Uranium-238	2.6E-09±6.0E-10	µCi/mL	IT
0	Uranium-238	<1.4E-07	µCi/mL	IT
0	Zinc-65	<2.2E-08	µCi/mL	IT
0	Zirconium-95	<1.7E-08	µCi/mL	IT

WELL HSB100C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/01/91
Depth to water: 34.31 ft (10.46 m) below TOC
Water elevation: 225.89 ft (68.85 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 191 gal

Time: 12:25
pH: 5.6
Alkalinity ($CaCO_3$): 4 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	IT
0	Specific conductance	32	µS/cm	IT
0	Specific conductance	32	µS/cm	IT
0	Aluminum	29	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Barium	3.6	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	3,190	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,490	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	2.6	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	13	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	385	µg/L	IT
0	Manganese	3.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	674	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	13,000	µg/L	IT
0	Silver	<2.5	µg/L	IT

WELL HSB100C collected on 01/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	1,860	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	44,000	µg/L	IT
0	Total dissolved solids	41,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	8.1	µg/L	IT
1	Total phosphates (as P)	444	µg/L	IT
0	Toxaphene	<0.24	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	77	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	7.2	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	2.0E-08±2.0E-07	µCi/mL	IT

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/01/91
Depth to water: 27.80 ft (8.47 m) below TOC
Water elevation: 232.30 ft (70.81 m) msl
Sp. conductance: 73 µS/cm
Water evacuated before sampling: 40 gal
Time: 12:05
pH: 5.2
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	79	µS/cm	IT
0	Aluminum	13	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	23	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,620	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	4,480	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	38	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	10	µg/L	IT
0	Lead	4.5	µg/L	IT
0	Magnesium	854	µg/L	IT
1	Manganese	34	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	14	µg/L	IT
0	Nitrate as nitrogen	3,880	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,720	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,300	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	66,000	µg/L	IT
0	Total dissolved solids	56,000	µg/L	IT
0	Total organic carbon	1,010	µg/L	IT
0	Total organic halogens	18	µg/L	IT

WELL HSB100D collected on 01/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	165	µg/L	IT
0	Gross alpha	2.2E-09±1.7E-09	µCi/mL	IT
0	Nonvolatile beta	1.4E-08±4.0E-09	µCi/mL	IT
0	Total activity	5.4E-04±5.0E-06	µCi/mL	EM
0	Total radium	1.3E-09±4.0E-10	µCi/mL	IT
2	Tritium	5.6E-04±6.0E-05	µCi/mL	IT

WELL HSB100D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91
Depth to water: 26.16 ft (7.97 m) below TOC
Water elevation: 233.94 ft (71.31 m) msl
Sp. conductance: 87 µS/cm
Water evacuated before sampling: 56 gal
Time: 11:45
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.5°C

WELL HSB101C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/01/91
Depth to water: 33.61 ft (10.24 m) below TOC
Water elevation: 224.89 ft (68.55 m) msl
Sp. conductance: 66 µS/cm
Water evacuated before sampling: 153 gal
Time: 12:50
pH: 6.2
Alkalinity ($CaCO_3$): 14 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	IT
0	Specific conductance	60	µS/cm	IT
0	Aluminum	11	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Barium	12	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5,910	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,430	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	5.8	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	328	µg/L	IT
0	Manganese	3.9	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,040	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	11,300	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,100	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT

ANALYTICAL RESULTS

WELL HSB101C collected on 01/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	50,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	343	µg/L	IT
0	Toxaphene	<0.24	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	8.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	5.1	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	5.0E-09±3.2E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	2.1E-05±3.0E-06	µCi/mL	IT

WELL HSB101D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/01/91
Depth to water: 29.04 ft (8.85 m) below TOC
Water elevation: 229.66 ft (70.00 m) msl
Sp. conductance: 1075 µS/cm
Water evacuated before sampling: 36 gal

Time: 13:05
pH: 9.3
Alkalinity ($CaCO_3$): 141 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.0	pH	IT
2	Specific conductance	1,050	µS/cm	IT
2	Aluminum	292	µg/L	IT
0	Antimony	<2.0	µg/L	IT
2	Arsenic	78	µg/L	IT
0	Barium	2.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	326	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,490	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	3.8	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	331	µg/L	IT
2	Manganese	154	µg/L	IT
2	Mercury	9.4	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	113,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,030	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	217,000	µg/L	IT
0	Sulfate	9,170	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	775,000	µg/L	IT
0	Total organic carbon	1,650	µg/L	IT
0	Total organic halogens	20	µg/L	IT
2	Total phosphates (as P)	2,200	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	J 4.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	J 2.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT

WELL HSB101D collected on 01/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Vanadium	241	µg/L	IT
0	Zinc	<1.0	µg/L	IT
0	Americium-241	1.4E-08±8.0E-10	µCi/mL	IT
0	Antimony-125	<3.4E-08	µCi/mL	IT
0	Cerium-141	<8.4E-09	µCi/mL	IT
0	Cerium-144	<2.2E-07	µCi/mL	IT
0	Cesium-134	<2.4E-08	µCi/mL	IT
0	Cesium-137	<4.2E-09	µCi/mL	IT
0	Cobalt-58	<5.0E-09	µCi/mL	IT
0	Cobalt-60	8.8E-09±9.0E-10	µCi/mL	IT
0	Gross alpha	5.2E-09±2.2E-09	µCi/mL	IT
0	Manganese-54	<4.8E-09	µCi/mL	IT
0	Niobium-95	<5.2E-09	µCi/mL	IT
2	Nonvolatile beta	1.2E-07±2.0E-08	µCi/mL	IT
2	Radium-226	1.2E-08±2.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-228	<8.3E-08	µCi/mL	IT
2	Radium-228	8.1E-09±9.0E-10	µCi/mL	IT
2	Radium-228	1.2E-08±2.0E-09	µCi/mL	IT
0	Ruthenium-103	<4.4E-09	µCi/mL	IT
0	Ruthenium-106	<3.9E-08	µCi/mL	IT
0	Sodium-22	<5.7E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
2	Strontium-90	2.3E-08±3.0E-09	µCi/mL	IT
0	Thorium-232	4.1E-09±1.7E-09	µCi/mL	IT
0	Total activity	1.9E-02±9.2E-05	µCi/mL	EM
2	Tritium	2.0E-02±2.0E-03	µCi/mL	IT
0	Uranium-234	1.3E-08±2.0E-09	µCi/mL	IT
0	Uranium-235	<3.0E-08	µCi/mL	IT
0	Uranium-235	7.5E-09±1.7E-09	µCi/mL	IT
0	Uranium-238	<9.5E-08	µCi/mL	IT
0	Uranium-238	6.8E-09±1.7E-09	µCi/mL	IT
0	Zinc-65	<1.1E-08	µCi/mL	IT
0	Zirconium-95	<1.0E-08	µCi/mL	IT

WELL HSB102C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91
Depth to water: 34.78 ft (10.60 m) below TOC
Water elevation: 224.22 ft (68.34 m) msl
Sp. conductance: 179 µS/cm
Water evacuated before sampling: 151 gal

Time: 10:55
pH: 5.8
Alkalinity ($CaCO_3$): 10 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.1	pH	IT
0	Specific conductance	151	µS/cm	IT
0	Aluminum	10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	20	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5,170	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	4,540	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	5.8	µg/L	IT
0	Copper	<2.0	µg/L	IT
1	Cyanide	11	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,490	µg/L	IT
2	Manganese	82	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	2.8	µg/L	IT
2	Nitrate as nitrogen	11,200	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT

WELL HSB102C collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Potassium	2,860	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,960	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	19,100	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	117,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	85	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	12	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	6.0E-09 ± 3.0E-09	µCi/mL	IT
0	Total activity	1.8E-04 ± 3.1E-08	µCi/mL	EM
0	Total radium	1.6E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	1.6E-04 ± 2.0E-05	µCi/mL	IT

WELL HSB102D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91
Depth to water: 30.74 ft (9.37 m) below TOC
Water elevation: 227.86 ft (69.45 m) msl
Sp. conductance: 502 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 11:15
pH: 3.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	IT
2	Specific conductance	567	µS/cm	IT
2	Aluminum	17,800	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	110	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	2.8	µg/L	IT
0	Calcium	7,730	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,220	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	8.0	µg/L	IT
0	Cobalt	6.9	µg/L	IT
0	Copper	17	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	1,040	µg/L	IT
2	Lead	118	µg/L	IT
0	Magnesium	1,870	µg/L	IT
2	Manganese	1,860	µg/L	IT
0	Mercury	0.95	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	49	µg/L	IT
2	Nitrate as nitrogen	50,900	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,570	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	14,000	µg/L	GE
0	Silica	16,000	µg/L	GE
0	Silica	14,600	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	17,900	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT

WELL HSB102D collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	294,000	µg/L	IT
0	Total organic carbon	1,620	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	201	µg/L	IT
2	Total silica	16,000	µg/L	GE
2	Total silica	18,000	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Tributyl phosphate	<10	µg/L	GE
0	Tributyl phosphate	<10	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	167	µg/L	IT
2	Gross alpha	2.8E-07 ± 3.0E-08	µCi/mL	IT
2	Nonvolatile beta	1.1E-05 ± 2.0E-06	µCi/mL	IT
0	Total activity	1.0E-02 ± 7.0E-06	µCi/mL	EM
2	Total radium	4.6E-08 ± 5.0E-09	µCi/mL	IT
2	Tritium	8.8E-03 ± 9.0E-04	µCi/mL	IT

WELL HSB103C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91
Depth to water: 24.09 ft (7.34 m) below TOC
Water elevation: 223.31 ft (68.07 m) msl
Sp. conductance: 219 µS/cm
Water evacuated before sampling: 168 gal

Time: 9:55
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
0	Specific conductance	213	µS/cm	IT
1	Aluminum	142	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	59	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5,660	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	4,840	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	13	µg/L	IT
0	Copper	2.1	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	7.4	µg/L	IT
0	Lead	<3.0	µg/L	IT
1	Magnesium	4,470	µg/L	IT
2	Manganese	396	µg/L	IT
0	Mercury	0.99	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	6.4	µg/L	IT
2	Nitrate as nitrogen	16,100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,580	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,200	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	20,200	µg/L	IT
0	Sulfate	1,150	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	168,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	7.8	µg/L	IT
0	Total phosphates (as P)	89	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT

ANALYTICAL RESULTS

WELL HSB103C collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
1	Trichloroethylene	J 3.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	19	µg/L	IT
0	Gross alpha	4.6E-09±2.9E-09	µCi/mL	IT
0	Nonvolatile beta	2.3E-08±5.0E-09	µCi/mL	IT
0	Total activity	8.6E-04±6.5E-06	µCi/mL	EM
1	Total radium	4.1E-09±7.0E-10	µCi/mL	IT
2	Tritium	7.4E-04±8.0E-05	µCi/mL	IT

WELL HSB103D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91
Depth to water: 22.30 ft (6.80 m) below TOC
Water elevation: 225.30 ft (68.67 m) msl
Sp. conductance: 264 µS/cm
Water evacuated before sampling: 34 gal

Time: 10:10
pH: 4.2
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	IT
0	Specific conductance	249	µS/cm	IT
2	Aluminum	595	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	29	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	883	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	4,780	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	2.8	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	20	µg/L	IT
0	Lead	11	µg/L	IT
0	Magnesium	1,590	µg/L	IT
2	Manganese	139	µg/L	IT
1	Mercury	1.7	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	23,400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	955	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,160	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	38,400	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	180,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	8.5	µg/L	IT
0	Total phosphates (as P)	30	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	12	µg/L	IT
0	Amencium-241	1.4E-09±5.0E-10	µCi/mL	IT

WELL HSB103D collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Americium-241	1.8E-09±5.0E-10	µCi/mL	IT
0	Antimony-125	<4.4E-08	µCi/mL	IT
0	Cerium-141	<8.3E-09	µCi/mL	IT
0	Cerium-144	<2.9E-07	µCi/mL	IT
0	Cesium-134	<3.1E-08	µCi/mL	IT
0	Cesium-137	<5.5E-09	µCi/mL	IT
0	Cobalt-58	<5.9E-09	µCi/mL	IT
0	Cobalt-60	<7.4E-09	µCi/mL	IT
2	Gross alpha	1.9E-08±4.0E-09	µCi/mL	IT
0	Manganese-54	<5.9E-09	µCi/mL	IT
0	Niobium-95	<8.0E-09	µCi/mL	IT
2	Nonvolatile beta	4.2E-07±5.0E-08	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.0E-08	µCi/mL	IT
2	Radium-228	4.1E-08±5.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<5.5E-09	µCi/mL	IT
0	Ruthenium-106	<5.0E-08	µCi/mL	IT
0	Sodium-22	<8.0E-09	µCi/mL	IT
1	Strontium-89	1.2E-08±2.0E-09	µCi/mL	IT
2	Strontium-90	2.0E-07±2.0E-08	µCi/mL	IT
0	Thorium-232	<9.6E-09	µCi/mL	IT
0	Total activity	5.3E-03±5.1E-05	µCi/mL	EM
2	Tritium	4.5E-03±5.0E-04	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.8E-08	µCi/mL	IT
0	Uranium-238	2.7E-09±5.0E-10	µCi/mL	IT
0	Uranium-238	<1.3E-07	µCi/mL	IT
0	Zinc-65	<1.6E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL HSB104C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/03/91
Depth to water: 27.51 ft (8.39 m) below TOC
Water elevation: 220.39 ft (67.18 m) msl
Sp. conductance: 163 µS/cm
Water evacuated before sampling: 186 gal

Time: 13:05
pH: 9.8
Alkalinity ($CaCO_3$) 26 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.2	pH	IT
0	Specific conductance	151	µS/cm	IT
2	Aluminum	358	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	44	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	13,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,580	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<2.0	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	633	µg/L	IT
0	Manganese	15	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
1	Nitrate as nitrogen	5,300	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	8,870	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,600	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	11,300	µg/L	IT

WELL HSB104C collected on 01/03/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sulfate	1,370	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
1	Tetrachloroethylene	J 3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	12,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	28	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.050	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	3.8	µg/L	IT
0	Zinc	2.3	µg/L	IT
0	Gross alpha	3.1E-09±1.8E-09	µCi/mL	IT
0	Nonvolatile beta	1.8E-08±4.0E-09	µCi/mL	IT
0	Total activity	3.2E-04±3.9E-06	µCi/mL	EM
0	Total radium	1.6E-09±4.0E-10	µCi/mL	IT
2	Tritium	3.0E-04±3.0E-05	µCi/mL	IT

WELL HSB104D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/03/91
Depth to water: 23.18 ft (7.07 m) below TOC
Water elevation: 224.61 ft (68.48 m) msl
Sp. conductance: 276 µS/cm
Water evacuated before sampling: 37 gal

Time: 12:30
pH: 4.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.0	pH	IT
1	Specific conductance	260	µS/cm	IT
2	Aluminum	4,760	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	45	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,610	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,260	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	5.5	µg/L	IT
0	Copper	9.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<2.0	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	41	µg/L	IT
0	Lead	4.5	µg/L	IT
0	Magnesium	787	µg/L	IT
2	Manganese	439	µg/L	IT
2	Mercury	7.7	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	7.1	µg/L	IT
2	Nitrate as nitrogen	24,200	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	577	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	11,000	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	18,400	µg/L	IT
0	Sulfate	1,930	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	155,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	35	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT

WELL HSB104D collected on 01/03/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.050	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	25	µg/L	IT
2	Gross alpha	2.8E-08±5.0E-09	µCi/mL	IT
2	Nonvolatile beta	2.8E-06±3.0E-07	µCi/mL	IT
0	Total activity	7.9E-03±6.0E-05	µCi/mL	EM
2	Total radium	1.6E-08±2.0E-09	µCi/mL	IT
2	Tritium	6.8E-03±7.0E-04	µCi/mL	IT
2	Tritium	6.8E-03±7.0E-04	µCi/mL	IT

WELL HSB105C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 29.91 ft (9.12 m) below TOC
Water elevation: 219.59 ft (66.93 m) msl
Sp. conductance: 82 µS/cm
Water evacuated before sampling: 221 gal

Time: 14:05
pH: 5.9
Alkalinity ($CaCO_3$): 14 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	IT
0	Specific conductance	73	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	7,890	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,290	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	759	µg/L	IT
0	Manganese	3.8	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,820	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,720	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	11,000	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,780	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	85,000	µg/L	IT
0	Total organic carbon	1,050	µg/L	IT
0	Total organic halogens	5.3	µg/L	IT
0	Total phosphates (as P)	127	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	19	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB105C collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	8.9E-05±9.0E-06	µCi/mL	IT

WELL HSB105D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 Time: 13:35
Depth to water: 24.25 ft (7.39 m) below TOC pH: 3.7
Water elevation: 225.25 ft (68.66 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 535 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.8	pH	IT
2	Specific conductance	519	µS/cm	IT
2	Aluminum	12,000	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	129	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5,130	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,860	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	15	µg/L	IT
0	Copper	3.4	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	490	µg/L	IT
0	Iron	75	µg/L	IT
0	Lead	2.2	µg/L	IT
0	Magnesium	1,790	µg/L	IT
2	Manganese	843	µg/L	IT
2	Mercury	3.9	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	17	µg/L	IT
2	Nitrate as nitrogen	53,800	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,790	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,640	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	37,300	µg/L	IT
0	Sulfate	1,500	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	288,000	µg/L	IT
0	Total organic carbon	1,620	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	50	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	88	µg/L	IT
0	Americium-241	1.7E-09±4.0E-10	µCi/mL	IT
0	Antimony-125	<3.4E-08	µCi/mL	IT
0	Cerium-141	<6.4E-09	µCi/mL	IT
0	Cerium-144	<2.3E-07	µCi/mL	IT
0	Cesium-134	<2.4E-08	µCi/mL	IT
0	Cesium-137	<4.9E-09	µCi/mL	IT
0	Cobalt-58	<4.6E-09	µCi/mL	IT
2	Cobalt-60	1.2E-07±2.0E-08	µCi/mL	IT
2	Gross alpha	6.0E-08±7.0E-08	µCi/mL	IT
0	Manganese-54	<4.9E-09	µCi/mL	IT
0	Niobium-95	<4.6E-09	µCi/mL	IT
2	Nonvolatile beta	6.0E-08±8.0E-07	µCi/mL	IT
2	Radium-226	2.9E-08±3.0E-09	µCi/mL	IT

WELL HSB105D collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Radium-226	1.5E-08±2.0E-09	µCi/mL	IT
2	Radium-228	8.3E-07±9.0E-08	µCi/mL	IT
0	Radium-228	<7.8E-08	µCi/mL	IT
0	Ruthenium-103	<4.0E-09	µCi/mL	IT
0	Ruthenium-106	<4.2E-08	µCi/mL	IT
0	Sodium-22	<5.2E-09	µCi/mL	IT
2	Strontium-89	1.0E-07±1.0E-08	µCi/mL	IT
2	Strontium-90	3.0E-06±3.0E-07	µCi/mL	IT
0	Thorium-232	<7.3E-09	µCi/mL	IT
0	Total activity	1.0E-02±7.2E-05	µCi/mL	EM
2	Tritium	6.8E-03±9.0E-04	µCi/mL	IT
0	Uranium-234	1.2E-08±2.0E-09	µCi/mL	IT
0	Uranium-235	3.9E-09±1.0E-09	µCi/mL	IT
0	Uranium-235	<3.0E-08	µCi/mL	IT
0	Uranium-238	6.0E-09±1.2E-09	µCi/mL	IT
0	Uranium-238	<1.0E-07	µCi/mL	IT
0	Zinc-65	<1.2E-08	µCi/mL	IT
0	Zirconium-95	<1.1E-08	µCi/mL	IT

WELL HSB106C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/01/91 Time: 14:00
Depth to water: 31.34 ft (9.55 m) below TOC pH: 6.0
Water elevation: 221.56 ft (67.53 m) msl Alkalinity ($CaCO_3$): 6 mg/L
Sp. conductance: 105 µS/cm Water temperature: 18.7°C
Water evacuated before sampling: 205 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	IT
0	Specific conductance	97	µS/cm	IT
0	Aluminum	14	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	20	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	6,730	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,960	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.48	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	13	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,030	µg/L	IT
0	Manganese	8.6	µg/L	IT
0	Mercury	0.83	µg/L	IT
0	Nickel	<2.5	µg/L	IT
1	Nitrate as nitrogen	7,270	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,060	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	7,790	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	77,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	12	µg/L	IT
0	Total phosphates (as P)	52	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	7.4	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT

WELL HSB106C collected on 01/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total activity	3.0E-04 ± 3.8E-08	µCi/mL	EM
0	Total radium	1.2E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	3.3E-04 ± 4.0E-05	µCi/mL	IT

WELL HSB106D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/01/91
Depth to water: 27.43 ft (8.36 m) below TOC
Water elevation: 225.47 ft (68.72 m) msl
Sp. conductance: 172 µS/cm
Water evacuated before sampling: 39 gal

Time: 13:45
pH: 4.2
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.3	pH	IT
0	Specific conductance	181	µS/cm	IT
2	Aluminum	689	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	37	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,290	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,980	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	14	µg/L	IT
0	Copper	5.6	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	94	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,450	µg/L	IT
2	Manganese	299	µg/L	IT
1	Mercury	1.6	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	9.1	µg/L	IT
2	Nitrate as nitrogen	17,200	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,890	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	22,600	µg/L	IT
0	Sulfate	2,050	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	143,000	µg/L	IT
0	Total organic carbon	1,570	µg/L	IT
0	Total organic halogens	5.3	µg/L	IT
0	Total phosphates (as P)	19	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	28	µg/L	IT
1	Gross alpha	1.0E-08 ± 3.0E-09	µCi/mL	IT
2	Nonvolatile beta	7.8E-07 ± 8.0E-08	µCi/mL	IT
0	Total activity	2.8E-02 ± 3.6E-05	µCi/mL	EM
1	Total radium	4.1E-09 ± 8.0E-10	µCi/mL	IT
2	Tritium	2.9E-03 ± 3.0E-04	µCi/mL	IT

WELL HSB107C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 42.12 ft (12.84 m) below TOC
Water elevation: 219.48 ft (66.90 m) msl
Sp. conductance: 173 µS/cm
Water evacuated before sampling: 158 gal

Time: 13:00
pH: 8.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.9	pH	IT
0	Specific conductance	180	µS/cm	IT
0	Aluminum	15	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	49	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	14,100	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,020	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	375	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	828	µg/L	IT
2	Manganese	528	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	2.9	µg/L	IT
0	Nitrate as nitrogen	3,480	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,600	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,970	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	13,800	µg/L	IT
0	Sulfate	1,180	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
1	Tetrachloroethylene	J 4.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	86,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	218	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	7.2	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	9.8E-09 ± 4.1E-09	µCi/mL	IT
0	Total activity	5.2E-04 ± 5.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	4.5E-04 ± 5.0E-05	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB107D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 — Time: 12:05
Depth to water: 37.59 ft (11.46 m) below TOC — pH: 4.8
Water elevation: 224.71 ft (68.49 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 347 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 25 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
1	Specific conductance	276	µS/cm	IT
2	Aluminum	244	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	48	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	3,160	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,550	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	17	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	2,390	µg/L	IT
2	Manganese	162	µg/L	IT
2	Mercury	2.0	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	29,100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,290	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,500	µg/L	GE
0	Silica	7,540	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	36,100	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	183,000	µg/L	IT
0	Total organic carbon	1,120	µg/L	IT
0	Total organic halogens	8.1	µg/L	IT
0	Total phosphates (as P)	31	µg/L	IT
2	Total silica	7,900	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Tributyl phosphate	<10	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	14	µg/L	IT
0	Amencium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<3.8E-08	µCi/mL	IT
0	Cerium-141	<7.6E-09	µCi/mL	IT
0	Cerium-144	<2.5E-07	µCi/mL	IT
0	Cesium-134	<2.7E-08	µCi/mL	IT
0	Cesium-137	<5.5E-09	µCi/mL	IT
0	Cobalt-58	<5.6E-09	µCi/mL	IT
0	Cobalt-60	2.7E-08 ± 3.0E-09	µCi/mL	IT
1	Gross alpha	1.1E-08 ± 3.0E-09	µCi/mL	IT
0	Manganese-54	<5.7E-09	µCi/mL	IT
0	Niobium-95	<5.1E-09	µCi/mL	IT
2	Nonvolatile beta	1.9E-06 ± 2.0E-07	µCi/mL	IT
2	Radium-226	4.2E-09 ± 7.0E-10	µCi/mL	IT
0	Radium-226	<1.9E-08	µCi/mL	IT
2	Radium-228	2.0E-07 ± 2.0E-08	µCi/mL	IT
0	Radium-228	<9.3E-08	µCi/mL	IT
0	Ruthenium-103	<4.7E-09	µCi/mL	IT

WELL HSB107D collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Ruthenium-106	<4.8E-08	µCi/mL	IT
0	Sodium-22	<6.6E-09	µCi/mL	IT
2	Strontium-89	5.9E-08 ± 6.0E-09	µCi/mL	IT
2	Strontium-90	1.0E-06 ± 1.0E-07	µCi/mL	IT
0	Thorium-232	<8.8E-09	µCi/mL	IT
0	Total activity	8.2E-03 ± 6.3E-05	µCi/mL	EM
2	Tritium	6.3E-03 ± 7.0E-04	µCi/mL	IT
0	Uranium-234	4.7E-09 ± 1.0E-09	µCi/mL	IT
0	Uranium-235	2.5E-09 ± 7.0E-10	µCi/mL	IT
0	Uranium-235	<3.7E-08	µCi/mL	IT
0	Uranium-238	2.7E-09 ± 7.0E-10	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.2E-08	µCi/mL	IT

WELL HSB108C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 — Time: 11:15
Depth to water: 47.48 ft (14.47 m) below TOC — pH: 7.4
Water elevation: 218.72 ft (66.67 m) msl — Alkalinity ($CaCO_3$): 49 mg/L
Sp. conductance: 174 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 86 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	IT
0	Specific conductance	171	µS/cm	IT
0	Aluminum	13	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	7.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	24,300	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	4,050	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	15	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,880	µg/L	IT
0	Manganese	1.4	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,780	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,000	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,780	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	106,000	µg/L	IT
0	Total organic carbon	1,520	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	288	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.030	µg/L	IT
0	1,1,1-Trichloroethane	14	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	9.0	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT

WELL HSB108C collected on 01/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total activity	3.7E-04±4.2E-08	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	3.2E-04±4.0E-05	µCi/mL	IT

WELL HSB108D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 Time: 11:25
Depth to water: 42.55 ft (12.97 m) below TOC pH: 4.1
Water elevation: 223.75 ft (68.20 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 378 µS/cm Water temperature: 19.3°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.3	pH	IT
1	Specific conductance	360	µS/cm	IT
2	Aluminum	2,240	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	115	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	1.6	µg/L	IT
0	Calcium	5,810	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,160	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	14	µg/L	IT
0	Copper	3.1	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	45	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	2,380	µg/L	IT
2	Manganese	794	µg/L	IT
2	Mercury	6.3	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	22	µg/L	IT
2	Nitrate as nitrogen	38,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,950	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,810	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	38,600	µg/L	IT
0	Sulfate	2,970	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	217,000	µg/L	IT
0	Total organic carbon	1,100	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	24	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.030	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	52	µg/L	IT
2	Gross alpha	4.3E-08±6.0E-09	µCi/mL	IT
2	Nonvolatile beta	6.4E-08±7.0E-07	µCi/mL	IT
0	Total activity	1.5E-02±8.4E-05	µCi/mL	EM
2	Total radium	2.9E-08±3.0E-09	µCi/mL	IT
2	Tritium	1.3E-02±2.0E-03	µCi/mL	IT

WELL HSB109C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 Time: 13:10
Depth to water: 42.69 ft (13.01 m) below TOC pH: 6.4
Water elevation: 218.91 ft (66.72 m) msl Alkalinity ($CaCO_3$): 12 mg/L
Sp. conductance: 58 µS/cm Water temperature: 18.1°C
Water evacuated before sampling: 133 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	IT
0	Specific conductance	55	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	9.6	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5,140	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,790	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<2.9	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	5.3	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	287	µg/L	IT
0	Manganese	3.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	960	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	690	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,250	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	42,000	µg/L	IT
0	Total organic carbon	1,450	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	348	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	6.2	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	7.6E-05±8.0E-06	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB109D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 — Time: 12:35
Depth to water: 38.08 ft (11.61 m) below TOC — pH: 4.5
Water elevation: 223.12 ft (68.01 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 53 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	Specific conductance	49	µS/cm	IT
2	Aluminum	308	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	30	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	950	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,090	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	6.2	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	818	µg/L	IT
2	Manganese	161	µg/L	IT
0	Mercury	0.43	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	4.7	µg/L	IT
0	Nitrate as nitrogen	3,400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,300	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,980	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	8,000	µg/L	IT
0	Total organic carbon	1,230	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	15	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.030	µg/L	IT
0	1,1,1-Trichloroethane	27	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	15	µg/L	IT
0	Gross alpha	3.2E-09 ± 1.8E-09	µCi/mL	IT
2	Nonvolatile beta	5.2E-07 ± 8.0E-08	µCi/mL	IT
0	Total activity	3.7E-04 ± 1.8E-05	µCi/mL	EM
1	Total radium	3.1E-09 ± 7.0E-10	µCi/mL	IT
2	Tritium	3.3E-04 ± 4.0E-05	µCi/mL	IT

WELL HSB110C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91 — Time: 14:40
Depth to water: 36.28 ft (11.06 m) below TOC — pH: 5.5
Water elevation: 219.42 ft (66.88 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 126 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	26	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.1	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,310	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,680	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	2.8	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.2	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	7.4	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	317	µg/L	IT
0	Manganese	14	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,160	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	556	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,240	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	32,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	11	µg/L	IT
0	Total phosphates (as P)	72	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	11	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	4.8E-05 ± 5.0E-06	µCi/mL	IT

WELL HSB110D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91 Time: 13:45
Depth to water: 32.80 ft (10.00 m) below TOC pH: 3.8
Water elevation: 222.80 ft (67.91 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 135 µS/cm Water temperature: 18.1°C
Water evacuated before sampling: 30 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.1	pH	IT
0	Specific conductance	95	µS/cm	IT
0	Specific conductance	95	µS/cm	IT
2	Aluminum	1,340	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	10	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	779	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,830	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	8.4	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	9.1	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	138	µg/L	IT
2	Manganese	99	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	5.5	µg/L	IT
0	Nitrate as nitrogen	3,250	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	12,500	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,590	µg/L	IT
0	Sulfate	3,420	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	46,000	µg/L	IT
0	Total organic carbon	1,020	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	18	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	19	µg/L	IT
0	Gross alpha	6.8E-09 ± 2.4E-09	µCi/mL	IT
2	Nonvolatile beta	3.9E-07 ± 4.0E-08	µCi/mL	IT
0	Total activity	5.0E-04 ± 5.0E-06	µCi/mL	EM
1	Total radium	2.5E-09 ± 5.0E-10	µCi/mL	IT
2	Tritium	4.7E-04 ± 5.0E-05	µCi/mL	IT

WELL HSB111C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 Time: 11:00
Depth to water: 35.12 ft (10.70 m) below TOC pH: 4.9
Water elevation: 220.68 ft (67.33 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 243 µS/cm Water temperature: 17.7°C
Water evacuated before sampling: 210 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	Specific conductance	228	µS/cm	IT
1	Aluminum	198	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	23	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	15,600	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,880	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	5.7	µg/L	IT
0	Copper	2.4	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	15	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	3,210	µg/L	IT
1	Manganese	39	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	6.0	µg/L	IT
2	Nitrate as nitrogen	22,800	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	695	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,090	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	15,500	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	181,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	105	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	34	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
2	Nonvolatile beta	7.0E-08 ± 7.0E-09	µCi/mL	IT
0	Total activity	3.3E-03 ± 1.3E-05	µCi/mL	EM
0	Total radium	1.4E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	2.9E-03 ± 3.0E-04	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB111D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 Time: 11:30
Depth to water: 33.13 ft (10.10 m) below TOC pH: 4.8
Water elevation: 222.87 ft (67.93 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 554 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 98 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
2	Specific conductance	540	µS/cm	IT
2	Aluminum	239	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	47	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5,790	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,290	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	6.6	µg/L	IT
0	Copper	2.1	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	6.9	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	2,630	µg/L	IT
2	Manganese	56	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	3.9	µg/L	IT
2	Nitrate as nitrogen	60,100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,130	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	85,500	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	399,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	37	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	15	µg/L	IT
1	Gross alpha	7.8E-09 ± 2.7E-09	µCi/mL	IT
2	Nonvolatile beta	1.4E-07 ± 2.0E-08	µCi/mL	IT
0	Total activity	1.6E-02 ± 8.7E-05	µCi/mL	EM
2	Total radium	8.0E-09 ± 8.0E-10	µCi/mL	IT
2	Tritium	1.4E-02 ± 2.0E-03	µCi/mL	IT

WELL HSB111E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 Time: 11:15
Depth to water: 32.84 ft (9.95 m) below TOC
Water elevation: 223.26 ft (68.05 m) msl
The well pumped dry before all field parameters were collected.

WELL HSB112C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91 Time: 16:05
Depth to water: 32.64 ft (9.95 m) below TOC pH: 6.3
Water elevation: 222.26 ft (67.75 m) msl Alkalinity ($CaCO_3$): 16 mg/L
Sp. conductance: 223 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 214 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	IT
0	Specific conductance	192	µS/cm	IT
0	Specific conductance	191	µS/cm	IT
0	Aluminum	20	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	33	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	15,100	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,400	µg/L	IT
0	Chloride	3,300	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	5.7	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	2,960	µg/L	IT
1	Manganese	26	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	2.8	µg/L	IT
2	Nitrate as nitrogen	16,200	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	970	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,000	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	15,300	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	142,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	405	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	19	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
1	Nonvolatile beta	3.6E-08 ± 5.0E-09	µCi/mL	IT
0	Total activity	3.1E-03 ± 1.2E-05	µCi/mL	EM
0	Total radium	1.3E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	2.6E-03 ± 3.0E-04	µCi/mL	IT

WELL HSB112D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91
Depth to water: 30.87 ft (9.41 m) below TOC
Water elevation: 224.23 ft (68.35 m) msl
Sp. conductance: 468 µS/cm
Water evacuated before sampling: 94 gal
Time: 15:45
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	pH	4.7	pH	IT
1	Specific conductance	484	µS/cm	IT
1	Aluminum	161	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	25	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	2.0	µg/L	IT
0	Calcium	2,080	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,950	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	8.2	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	30	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	1,460	µg/L	IT
2	Manganese	272	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	5.5	µg/L	IT
2	Nitrate as nitrogen	49,500	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,090	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,200	µg/L	GE
0	Silica	7,940	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	72,700	µg/L	IT
0	Sulfate	7,900	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	330,000	µg/L	IT
1	Total dissolved solids	335,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	84	µg/L	IT
2	Total silica	8,400	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Tributyl phosphate	<10	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	12	µg/L	IT
0	Gross alpha	5.6E-09±2.4E-09	µCi/mL	IT
2	Nonvolatile beta	1.1E-07±2.0E-08	µCi/mL	IT
0	Total activity	1.8E-02±9.3E-05	µCi/mL	EM
2	Total radium	6.2E-09±8.0E-10	µCi/mL	IT
2	Tritium	1.5E-02±2.0E-03	µCi/mL	IT

WELL HSB112E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 30.92 ft (9.42 m) below TOC
Water elevation: 224.18 ft (68.33 m) msl
Sp. conductance: 465 µS/cm
Water evacuated before sampling: 3 gal
The well went dry during purging.
Time: 10:05
pH: 5.4
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
1	Specific conductance	463	µS/cm	IT
1	Aluminum	119	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	116	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	4.8	µg/L	IT
0	Calcium	6,810	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,400	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	37	µg/L	IT
0	Copper	5.5	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	18	µg/L	IT
0	Lead	10	µg/L	IT
0	Magnesium	3,080	µg/L	IT
2	Manganese	1,200	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	36	µg/L	IT
2	Nitrate as nitrogen	51,400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,330	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,750	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	64,200	µg/L	IT
0	Sulfate	2,330	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	346,000	µg/L	IT
0	Total organic carbon	1,420	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	330	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	77	µg/L	IT
2	Gross alpha	1.5E-08±4.0E-09	µCi/mL	IT
2	Nonvolatile beta	5.0E-07±5.0E-08	µCi/mL	IT
0	Total activity	1.3E-02±7.9E-05	µCi/mL	EM
2	Total radium	7.1E-09±8.0E-10	µCi/mL	IT
2	Tritium	1.2E-02±2.0E-03	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB113C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91
Depth to water: 38.17 ft (11.63 m) below TOC
Water elevation: 222.83 ft (67.92 m) msl
Sp. conductance: 135 µS/cm
Water evacuated before sampling: 187 gal
Time: 15:05
pH: 5.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	123	µS/cm	IT
0	Aluminum	104	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	32	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	7,080	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,450	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	2,220	µg/L	IT
1	Manganese	48	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	4.2	µg/L	IT
2	Nitrate as nitrogen	11,400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	812	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,720	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	9,230	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	108,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	41	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	23	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.7E-08 ± 4.0E-09	µCi/mL	IT
0	Total activity	1.4E-03 ± 8.0E-06	µCi/mL	EM
0	Total radium	1.4E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	1.2E-03 ± 2.0E-04	µCi/mL	IT

WELL HSB113D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91
Depth to water: 36.47 ft (11.12 m) below TOC
Water elevation: 224.43 ft (68.41 m) msl
Sp. conductance: 380 µS/cm
Water evacuated before sampling: 25 gal
Time: 14:25
pH: 3.5
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.7	pH	IT
1	Specific conductance	372	µS/cm	IT
2	Aluminum	11,500	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	82	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,700	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,340	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	5.4	µg/L	IT
0	Copper	12	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	350	µg/L	IT
0	Iron	118	µg/L	IT
0	Lead	6.4	µg/L	IT
0	Magnesium	878	µg/L	IT
2	Manganese	198	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	14	µg/L	IT
2	Nitrate as nitrogen	34,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,320	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	28,500	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	15,100	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	189,000	µg/L	IT
0	Total organic carbon	1,250	µg/L	IT
0	Total organic halogens	7.1	µg/L	IT
0	Total phosphates (as P)	19	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	119	µg/L	IT
2	Gross alpha	6.0E-08 ± 7.0E-09	µCi/mL	IT
2	Nonvolatile beta	1.2E-06 ± 2.0E-07	µCi/mL	IT
0	Total activity	5.9E-03 ± 5.4E-05	µCi/mL	EM
2	Total radium	2.9E-08 ± 3.0E-09	µCi/mL	IT
2	Tritium	4.9E-03 ± 5.0E-04	µCi/mL	IT

WELL HSB114C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91 — Time: 13:35
Depth to water: 38.65 ft (11.78 m) below TOC — pH: 4.6
Water elevation: 225.15 ft (68.63 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 509 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 104 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	IT
2	Specific conductance	502	µS/cm	IT
2	Aluminum	406	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	68	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	11,300	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	5,050	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	5.5	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	9.5	µg/L	IT
0	Lead	<3.0	µg/L	IT
1	Magnesium	5,170	µg/L	IT
2	Manganese	212	µg/L	IT
0	Mercury	0.35	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	8.9	µg/L	IT
2	Nitrate as nitrogen	57,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	693	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,560	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	73,900	µg/L	IT
0	Sulfate	5,270	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	381,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	46	µg/L	IT
2	Gross alpha	1.7E-08±5.0E-09	µCi/mL	IT
2	Nonvolatile beta	1.8E-07±2.0E-08	µCi/mL	IT
0	Total activity	1.5E-02±8.6E-05	µCi/mL	EM
2	Total radium	1.2E-08±2.0E-09	µCi/mL	IT
2	Tritium	1.3E-02±2.0E-03	µCi/mL	IT

WELL HSB114D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91 — Time: 13:50
Depth to water: 38.73 ft (11.81 m) below TOC — pH: 3.8
Water elevation: 225.27 ft (68.66 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 310 µS/cm — Water temperature: 20.6°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	4.0	pH	IT
1	Specific conductance	305	µS/cm	IT
2	Aluminum	4,240	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	48	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,180	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,430	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	9.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.20	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	440	µg/L	IT
0	Iron	37	µg/L	IT
0	Lead	6.7	µg/L	IT
0	Magnesium	806	µg/L	IT
2	Manganese	184	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	8.2	µg/L	IT
2	Nitrate as nitrogen	28,600	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,060	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	19,500	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	29,900	µg/L	IT
0	Sulfate	2,510	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	167,000	µg/L	IT
0	Total organic carbon	1,100	µg/L	IT
0	Total organic carbon	1,050	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Total phosphates (as P)	13	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	60	µg/L	IT
2	Americium-241	7.4E-09±1.3E-09	µCi/mL	IT
0	Antimony-125	<5.1E-08	µCi/mL	IT
0	Cerium-141	<8.8E-09	µCi/mL	IT
0	Cerium-144	<3.0E-07	µCi/mL	IT
0	Cesium-134	<4.0E-08	µCi/mL	IT
0	Cesium-137	<6.3E-09	µCi/mL	IT
0	Cobalt-58	<6.8E-09	µCi/mL	IT
1	Cobalt-60	7.7E-08±8.0E-09	µCi/mL	IT
2	Gross alpha	3.7E-08±5.0E-09	µCi/mL	IT
0	Manganese-54	<6.6E-09	µCi/mL	IT
0	Niobium-95	<7.0E-09	µCi/mL	IT
2	Nonvolatile beta	9.8E-07±1.0E-07	µCi/mL	IT
2	Radium-226	1.3E-08±2.0E-09	µCi/mL	IT
0	Radium-226	<1.6E-08	µCi/mL	IT
2	Radium-228	1.0E-07±1.0E-08	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<5.5E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB114D collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Ruthenium-106	<5.8E-08	µCi/mL	IT
0	Sodium-22	<7.4E-09	µCi/mL	IT
2	Strontium-89	2.2E-08±3.0E-09	µCi/mL	IT
2	Strontium-90	4.3E-07±5.0E-08	µCi/mL	IT
0	Thorium-232	<9.8E-09	µCi/mL	IT
0	Total activity	7.1E-03±5.9E-05	µCi/mL	EM
2	Tritium	6.0E-03±6.0E-04	µCi/mL	IT
0	Uranium-234	4.3E-08±1.1E-09	µCi/mL	IT
0	Uranium-235	1.7E-09±7.0E-10	µCi/mL	IT
0	Uranium-235	<4.2E-08	µCi/mL	IT
0	Uranium-238	9.5E-09±1.6E-09	µCi/mL	IT
0	Uranium-238	<1.3E-07	µCi/mL	IT
0	Zinc-65	<1.8E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT

WELL HSB115C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91
Depth to water: 43.52 ft (13.27 m) below TOC
Water elevation: 225.78 ft (68.82 m) msl
Sp. conductance: 396 µS/cm
Water evacuated before sampling: 113 gal
Time: 12:35
pH: 9.6
Alkalinity ($CaCO_3$): 18 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.6	pH	IT
1	Specific conductance	414	µS/cm	IT
0	Aluminum	91	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	21	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	17,900	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,940	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	11	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,250	µg/L	IT
2	Manganese	314	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	36,800	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,600	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	47,600	µg/L	IT
0	Sulfate	5,450	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	271,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	56	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	1.6	µg/L	IT
0	Zinc	3.1	µg/L	IT

WELL HSB115C collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.8E-09±2.0E-09	µCi/mL	IT
2	Nonvolatile beta	2.9E-07±3.0E-08	µCi/mL	IT
0	Total activity	1.3E-02±7.8E-05	µCi/mL	EM
0	Total radium	1.8E-09±5.0E-10	µCi/mL	IT
2	Tritium	1.2E-02±2.0E-03	µCi/mL	IT

WELL HSB115D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91
Depth to water: 42.95 ft (13.09 m) below TOC
Water elevation: 226.15 ft (68.93 m) msl
Sp. conductance: 273 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.
Time: 12:20
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	IT
1	Specific conductance	261	µS/cm	IT
2	Aluminum	1,120	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	136	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	17,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,480	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	27	µg/L	IT
0	Copper	13	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	87	µg/L	IT
1	Lead	46	µg/L	IT
0	Magnesium	1,550	µg/L	IT
2	Manganese	811	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
1	Nickel	61	µg/L	IT
2	Nitrate as nitrogen	17,400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,090	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	22,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	18,800	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	210,000	µg/L	IT
0	Total organic carbon	1,090	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	145	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<10	µg/L	IT
0	Zinc	189	µg/L	IT
2	Gross alpha	2.5E-08±4.0E-09	µCi/mL	IT
2	Nonvolatile beta	8.4E-07±9.0E-08	µCi/mL	IT
0	Total activity	-4.1E-06±1.0E-05	µCi/mL	EM
2	Total radium	1.3E-08±2.0E-09	µCi/mL	IT
2	Tritium	8.2E-03±9.0E-04	µCi/mL	IT

WELL HSB116C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91
Depth to water: 31.56 ft (9.62 m) below TOC
Water elevation: 225.94 ft (68.87 m) msl
Sp. conductance: 465 µS/cm
Water evacuated before sampling: 119 gal

Time: 10:55
pH: 5.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
1	Specific conductance	463	µS/cm	IT
0	Aluminum	109	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	80	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	3,380	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,130	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
1	Cobalt	81	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,570	µg/L	IT
2	Manganese	883	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	8.3	µg/L	IT
2	Nitrate as nitrogen	47,700	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,130	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,400	µg/L	GE
0	Silica	7,560	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	66,900	µg/L	IT
0	Sulfate	4,210	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	309,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	12	µg/L	IT
2	Total silica	7,300	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Tributyl phosphate	<10	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	11	µg/L	IT
2	Gross alpha	2.4E-08 ± 4.0E-09	µCi/mL	IT
2	Nonvolatile beta	7.8E-08 ± 8.0E-09	µCi/mL	IT
0	Total activity	1.8E-02 ± 9.1E-05	µCi/mL	EM
2	Total radium	6.9E-09 ± 6.0E-10	µCi/mL	IT
2	Tritium	1.5E-02 ± 2.0E-03	µCi/mL	IT

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91
Depth to water: 29.58 ft (9.02 m) below TOC
Water elevation: 227.22 ft (69.26 m) msl
Sp. conductance: 343 µS/cm
Water evacuated before sampling: 33 gal

Time: 11:15
pH: 4.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.1	pH	IT
1	Specific conductance	343	µS/cm	IT
2	Aluminum	3,100	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	189	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5,030	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,160	µg/L	IT
0	Chloride	2,120	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	7.8	µg/L	IT
0	Copper	4.7	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	490	µg/L	IT
0	Fluoride	490	µg/L	IT
0	Iron	125	µg/L	IT
0	Lead	11	µg/L	IT
0	Magnesium	1,840	µg/L	IT
2	Manganese	463	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	15	µg/L	IT
2	Nitrate as nitrogen	32,600	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,220	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	11,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	28,300	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	206,000	µg/L	IT
0	Total organic carbon	1,070	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	21	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	93	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.9E-08	µCi/mL	IT
0	Cerium-141	<8.1E-09	µCi/mL	IT
0	Cerium-144	<2.9E-07	µCi/mL	IT
0	Cesium-134	<3.8E-08	µCi/mL	IT
0	Cesium-137	<7.0E-09	µCi/mL	IT
0	Cobalt-58	<7.8E-09	µCi/mL	IT
2	Cobalt-60	3.1E-07 ± 4.0E-08	µCi/mL	IT
2	Gross alpha	8.9E-08 ± 9.0E-09	µCi/mL	IT
0	Manganese-54	<7.7E-09	µCi/mL	IT
0	Niobium-95	<7.1E-09	µCi/mL	IT
2	Nonvolatile beta	6.2E-06 ± 7.0E-07	µCi/mL	IT
2	Radium-226	4.9E-08 ± 5.0E-09	µCi/mL	IT
2	Radium-226	1.7E-08 ± 2.0E-09	µCi/mL	IT
2	Radium-228	8.5E-07 ± 9.0E-08	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB116D collected on 01/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Ruthenium-103	<5.5E-09	µCi/mL	IT
0	Ruthenium-106	<5.3E-08	µCi/mL	IT
0	Sodium-22	<7.7E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
2	Strontium-89	1.8E-07 ± 2.0E-08	µCi/mL	IT
2	Strontium-90	2.8E-08 ± 3.0E-07	µCi/mL	IT
2	Strontium-90	2.7E-08 ± 3.0E-07	µCi/mL	IT
1	Thorium-232	5.7E-09 ± 2.3E-09	µCi/mL	IT
0	Total activity	1.5E-02 ± 8.3E-05	µCi/mL	EM
2	Tritium	1.3E-02 ± 2.0E-03	µCi/mL	IT
0	Uranium-234	3.4E-09 ± 8.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.8E-08	µCi/mL	IT
0	Uranium-238	<1.7E-09 ± 4.0E-10	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.9E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT

WELL HSB116D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91 — Time: 9:50
Depth to water: 27.97 ft (8.53 m) below TOC — pH: 3.9
Water elevation: 228.83 ft (69.75 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 301 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 38 gal

WELL HSB117A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91 — Time: 13:10
Depth to water: 70.67 ft (21.54 m) below TOC — pH: 6.7
Water elevation: 165.63 ft (50.48 m) msl — Alkalinity ($CaCO_3$): 53 mg/L
Sp. conductance: 145 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 214 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	IT
0	Specific conductance	138	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	29	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	21,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,500	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	5.3	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	709	µg/L	IT
2	Manganese	127	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,330	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	22,600	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,570	µg/L	IT

WELL HSB117A collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sulfate	6,930	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	103,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	7.2	µg/L	IT
0	Total phosphates (as P)	138	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	4.1	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB117C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91 — Time: 12:55
Depth to water: 12.24 ft (3.73 m) below TOC — pH: 4.9
Water elevation: 224.06 ft (68.29 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 526 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 158 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
2	Specific conductance	500	µS/cm	IT
2	Specific conductance	503	µS/cm	IT
2	Aluminum	505	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	83	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	11,700	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	5,390	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	5.1	µg/L	IT
0	Copper	2.4	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	320	µg/L	IT
0	Iron	7.6	µg/L	IT
0	Lead	<3.0	µg/L	IT
1	Magnesium	5,990	µg/L	IT
2	Manganese	122	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	4.6	µg/L	IT
2	Nitrate as nitrogen	54,600	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,780	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	68,900	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	377,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	17	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT

WELL HSB117C collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	18	µg/L	IT
2	Gross alpha	1.5E-08±4.0E-09	µCi/mL	IT
2	Nonvolatile beta	1.8E-07±2.0E-08	µCi/mL	IT
0	Total activity	1.1E-02±7.5E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	9.8E-03±1.0E-03	µCi/mL	IT

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91
Depth to water: 9.21 ft (2.81 m) below TOC
Water elevation: 227.09 ft (69.22 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 73 gal
Time: 13:25
pH: 5.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
0	Specific conductance	22	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	1.9	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	278	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,470	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	13	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	252	µg/L	IT
0	Manganese	1.5	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	720	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,060	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,730	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	20,000	µg/L	IT
0	Total organic carbon	1,150	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	3.4	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total activity	7.5E-05±2.3E-08	µCi/mL	EM
0	Total radium	1.3E-09±4.0E-10	µCi/mL	IT

WELL HSB117D collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Tritium	6.8E-05±7.0E-06	µCi/mL	IT

WELL HSB117D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91
Depth to water: 8.98 ft (2.74 m) below TOC
Water elevation: 227.32 ft (69.29 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 74 gal
Time: 9:10
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.6°C

WELL HSB118A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91
Depth to water: 80.63 ft (24.58 m) below TOC
Water elevation: 186.67 ft (50.80 m) msl
Sp. conductance: 158 µS/cm
Water evacuated before sampling: 199 gal
Time: 12:15
pH: 7.1
Alkalinity ($CaCO_3$): 53 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	IT
0	Specific conductance	152	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	45	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	22,900	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,450	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.2	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	17	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	640	µg/L	IT
1	Manganese	50	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,710	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	28,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,410	µg/L	IT
0	Sulfate	7,900	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	112,000	µg/L	IT
0	Total organic carbon	1,150	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	224	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	0.50	µg/L	IT

ANALYTICAL RESULTS

WELL HSB118A collected on 01/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Zinc	1.9	µg/L	IT
0	Gross alpha	2.1E-09±1.3E-09	µCi/mL	IT
0	Nonvolatile beta	8.6E-09±3.0E-09	µCi/mL	IT
0	Total radium	1.4E-09±4.0E-10	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB119A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: 91.02 ft (27.74 m) below TOC
Water elevation: 166.08 ft (50.62 m) msl
Sp. conductance: 185 µS/cm
Water evacuated before sampling: 191 gal
Time: 11:20
pH: 7.3
Alkalinity ($CaCO_3$): 53 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	IT
0	Specific conductance	170	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	3.2	µg/L	IT
0	Barium	22	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	24,500	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,480	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	6.4	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,120	µg/L	IT
0	Manganese	7.7	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,220	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,040	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	31,000	µg/L	GE
1	Silica	27,900	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,390	µg/L	IT
0	Sulfate	4,190	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	115,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	392	µg/L	IT
2	Total silica	29,000	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Tributyl phosphate	<10	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	1.0	µg/L	IT
0	Zinc	3.9	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	7.7E-09±4.1E-09	µCi/mL	IT
0	Total radium	1.2E-09±4.0E-10	µCi/mL	IT
2	Tritium	1.8E-04±2.0E-05	µCi/mL	IT

WELL HSB120A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91
Depth to water: 102.67 ft (31.29 m) below TOC
Water elevation: 165.53 ft (50.45 m) msl
Sp. conductance: 213 µS/cm
Water evacuated before sampling: 196 gal
Time: 15:30
pH: 7.8
Alkalinity ($CaCO_3$): 77 mg/L
Water temperature: 18.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	IT
0	Specific conductance	206	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	29	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	33,000	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,440	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.2	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	6.2	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	725	µg/L	IT
0	Manganese	12	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	580	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,970	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	28,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,730	µg/L	IT
0	Sulfate	7,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	130,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	7.0	µg/L	IT
0	Total phosphates (as P)	124	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	0.50	µg/L	IT
0	Zinc	2.5	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	1.1E-09±3.0E-10	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB121A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91
Depth to water: 103.92 ft (31.68 m) below TOC
Water elevation: 170.68 ft (52.02 m) msl
Sp. conductance: 215 µS/cm
Water evacuated before sampling: 216 gal

Time: 10:05
pH: 7.8
Alkalinity ($CaCO_3$): 81 mg/L
Water temperature: 15.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	pH	7.8	pH	IT
0	Specific conductance	201	µS/cm	GE
0	Specific conductance	221	µS/cm	IT
0	Aluminum	<20	µg/L	GE
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	47	µg/L	GE
0	Barium	51	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
2	Calcium	35,000	µg/L	GE
2	Calcium	34,700	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,600	µg/L	GE
0	Chloride	2,470	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.2	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	23	µg/L	GE
0	Iron	16	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	700	µg/L	GE
0	Magnesium	685	µg/L	IT
0	Manganese	6.0	µg/L	GE
0	Manganese	6.3	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT

WELL HSB121A collected on 01/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,300	µg/L	GE
0	Potassium	3,620	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
1	Silica	38,000	µg/L	GE
1	Silica	38,900	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	3,200	µg/L	GE
0	Sodium	3,410	µg/L	IT
0	Sulfate	10,000	µg/L	GE
0	Sulfate	10,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	160,000	µg/L	GE
0	Total dissolved solids	189,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,380	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	9.1	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	100	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	IT
0	Zinc	3.2	µg/L	GE
0	Zinc	1.3	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.5E-09±3.3E-09	µCi/mL	GE
0	Nonvolatile beta	7.2E-09±3.0E-09	µCi/mL	IT
0	Total radium	1.9E-09±2.6E-09	µCi/mL	GE
0	Total radium	1.2E-09±4.0E-10	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB121A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91
Depth to water: 103.92 ft (31.68 m) below TOC
Water elevation: 170.68 ft (52.02 m) msl
Sp. conductance: 215 µS/cm
Water evacuated before sampling: 216 gal

Time: 10:05
pH: 7.8
Alkalinity ($CaCO_3$): 81 mg/L
Water temperature: 15.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	pH	7.6	pH	IT
0	Specific conductance	201	µS/cm	GE
0	Specific conductance	219	µS/cm	IT
0	Aluminum	<20	µg/L	GE
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	46	µg/L	GE
0	Barium	51	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
2	Calcium	35,000	µg/L	GE
2	Calcium	37,800	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL HSB121A collected on 01/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,500	µg/L	GE
0	Chloride	2,520	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<1.2	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	24	µg/L	GE
0	Iron	15	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	700	µg/L	GE
0	Magnesium	892	µg/L	IT
0	Manganese	6.0	µg/L	GE
0	Manganese	6.4	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	120	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,400	µg/L	GE
0	Potassium	3,580	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
1	Silica	39,000	µg/L	GE
1	Silica	39,100	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	3,200	µg/L	GE
0	Sodium	3,400	µg/L	IT
0	Sulfate	9,900	µg/L	GE
0	Sulfate	10,100	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	160,000	µg/L	GE
0	Total dissolved solids	159,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,120	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	94	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE

WELL HSB121A collected on 01/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	6.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<0.50	µg/L	IT
0	Zinc	<2.0	µg/L	GE
0	Zinc	1.3	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	4.2E-09 ± 3.5E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.9E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB122A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/01/91 Time: 11:30
Depth to water: 101.19 ft (30.84 m) below TOC pH: 7.2
Water elevation: 170.41 ft (51.94 m) msl Alkalinity ($CaCO_3$): 84 mg/L
Sp. conductance: 228 µS/cm Water temperature: 17.8°C
Water evacuated before sampling: 221 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	IT
0	Specific conductance	221	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Barium	23	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	38,900	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,220	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	21	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	729	µg/L	IT
0	Manganese	6.6	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	896	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	35,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,880	µg/L	IT
0	Sulfate	11,400	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	171,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	106	µg/L	IT
0	Toxaphene	<0.24	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT

WELL HSB122A collected on 01/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Vanadium	<0.50	µg/L	IT
0	Zinc	3.1	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-08	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB123A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/01/91
Depth to water: 93.84 ft (28.60 m) below TOC
Water elevation: 170.68 ft (52.02 m) msl
Sp. conductance: 225 µS/cm
Water evacuated before sampling: 208 gal
Time: 10:45
pH: 8.9
Alkalinity ($CaCO_3$): 89 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.8	pH	IT
0	Specific conductance	221	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Barium	63	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	35,700	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,150	µg/L	IT
0	Chloride	2,130	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	87	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	685	µg/L	IT
0	Manganese	14	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,950	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	38,300	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,170	µg/L	IT
0	Sulfate	10,100	µg/L	IT
0	Sulfate	10,200	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	171,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	18	µg/L	IT
0	Total phosphates (as P)	167	µg/L	IT
0	Toxaphene	<0.24	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	12	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	2.8	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	6.4E-09 ± 3.5E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.4E-09 ± 4.0E-10	µCi/mL	IT

WELL HSB123A collected on 01/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total radium	1.6E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB124A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: 74.83 ft (22.81 m) below TOC
Water elevation: 191.37 ft (58.33 m) msl
Sp. conductance: 239 µS/cm
Water evacuated before sampling: 42 gal
The well went dry during purging.
Time: 14:10
pH: 9.2
Alkalinity ($CaCO_3$): 96 mg/L
Water temperature: 17.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	IT
0	pH	7.8	pH	IT
0	Specific conductance	235	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	46	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	30,100	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,540	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	830	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	35,700	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,190	µg/L	IT
0	Sulfate	11,600	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	188,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	186	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	<2.0	µg/L	IT
0	Gross alpha	2.0E-09 ± 1.6E-09	µCi/mL	IT
0	Gross alpha	4.5E-09 ± 2.1E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total radium	1.4E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB125C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91
Depth to water: 9.47 ft (2.89 m) below TOC
Water elevation: 222.43 ft (67.80 m) msl
Sp. conductance: 83 µS/cm
Water evacuated before sampling: 202 gal

Time: 13:05
pH: 6.2
Alkalinity ($CaCO_3$): 18 mg/L
Water temperature: 17.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.3	pH	IT
0	Specific conductance	62	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Barium	6.5	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	7,300	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,540	µg/L	IT
0	Chloride	2,650	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	4.1	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	8.1	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,200	µg/L	IT
0	Manganese	11	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	180	µg/L	IT
0	Nitrate as nitrogen	100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	545	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,850	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	55,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	158	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	30	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	3.1E-06±4.0E-07	µCi/mL	IT

WELL HSB125D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91
Depth to water: 10.67 ft (3.25 m) below TOC
Water elevation: 221.03 ft (67.37 m) msl
Sp. conductance: 311 µS/cm
Water evacuated before sampling: 57 gal

Time: 12:20
pH: 5.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
1	Specific conductance	316	µS/cm	IT
1	Aluminum	142	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	16	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	535	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,030	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	6.1	µg/L	IT
0	Copper	5.4	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	72	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	871	µg/L	IT
2	Manganese	160	µg/L	IT
1	Mercury	1.0	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	31,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,710	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	55,300	µg/L	IT
0	Sulfate	9,020	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	235,000	µg/L	IT
0	Total organic carbon	1,130	µg/L	IT
0	Total organic halogens	11	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	J 4.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	6.9	µg/L	IT
0	Gross alpha	3.2E-09±1.6E-09	µCi/mL	IT
1	Nonvolatile beta	4.2E-08±5.0E-09	µCi/mL	IT
0	Total activity	3.8E-03±4.2E-05	µCi/mL	EM
0	Total radium	2.3E-09±5.0E-10	µCi/mL	IT
2	Tritium	4.0E-03±4.0E-04	µCi/mL	IT

WELL HSB126C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91
Depth to water: 8.76 ft (2.67 m) below TOC
Water elevation: 203.84 ft (62.13 m) msl
Sp. conductance: 217 µS/cm
Water evacuated before sampling: 90 gal
Time: 15:45
pH: 8.0
Alkalinity ($CaCO_3$): 83 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	IT
0	Specific conductance	209	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	16	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	30,500	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,640	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	3.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,100	µg/L	IT
0	Manganese	1.5	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	4,250	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	813	µg/L	IT
0	Selenium	<3.0	µg/L	IT
1	Silica	20,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	5,520	µg/L	IT
0	Sulfate	1,740	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	141,000	µg/L	IT
0	Total organic carbon	1,210	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	73	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.030	µg/L	IT
0	1,1,1-Trichloroethane	5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	1.8	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	2.9E-04 ± 3.8E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	2.6E-04 ± 3.0E-05	µCi/mL	IT

WELL HSB126D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91
Depth to water: 7.79 ft (2.37 m) below TOC
Water elevation: 204.91 ft (62.46 m) msl
Sp. conductance: 499 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 9:15
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 14.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
2	Specific conductance	500	µS/cm	IT
2	Aluminum	396	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	101	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	7,760	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	4,340	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	3.3	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	41	µg/L	IT
0	Lead	<3.0	µg/L	IT
1	Magnesium	3,930	µg/L	IT
1	Manganese	50	µg/L	IT
2	Mercury	6.1	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	5.7	µg/L	IT
2	Nitrate as nitrogen	54,400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	647	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,960	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	67,200	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	346,000	µg/L	IT
0	Total organic carbon	1,640	µg/L	IT
0	Total organic carbon	1,430	µg/L	IT
0	Total organic halogens	13	µg/L	IT
0	Total phosphates (as P)	143	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	15	µg/L	IT
0	Gross alpha	2.6E-08 ± 1.8E-09	µCi/mL	IT
1	Nonvolatile beta	2.6E-08 ± 4.0E-09	µCi/mL	IT
0	Total activity	5.1E-03 ± 4.9E-05	µCi/mL	EM
1	Total radium	2.9E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	4.9E-03 ± 5.0E-04	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB127C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91 Time: 14:30
Depth to water: 15.38 ft (4.69 m) below TOC pH: 7.7
Water elevation: 210.32 ft (64.11 m) msl Alkalinity ($CaCO_3$): 80 mg/L
Sp. conductance: 276 µS/cm Water temperature: 18.3°C
Water evacuated before sampling: 162 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	IT
1	Specific conductance	272	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	18	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	41,500	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,150	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	732	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	10,800	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	650	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	12,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,720	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	J 2.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	199,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	43	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	11	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total activity	8.3E-04 ± 6.1E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	8.9E-04 ± 9.0E-05	µCi/mL	IT

WELL HSB127D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91 Time: 14:05
Depth to water: 7.88 ft (2.40 m) below TOC pH: 4.8
Water elevation: 218.22 ft (66.51 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 260 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	IT
1	Specific conductance	307	µS/cm	IT
0	Aluminum	107	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	19	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,460	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,320	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	6.3	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	90	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,340	µg/L	IT
2	Manganese	260	µg/L	IT
2	Mercury	4.8	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	2.6	µg/L	IT
2	Nitrate as nitrogen	33,500	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,000	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	42,700	µg/L	IT
0	Sulfate	6,060	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	229,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	8.1	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	31	µg/L	IT
1	Gross alpha	9.9E-09 ± 2.8E-09	µCi/mL	IT
2	Nonvolatile beta	7.7E-08 ± 8.0E-09	µCi/mL	IT
0	Total activity	1.7E-02 ± 8.9E-05	µCi/mL	EM
1	Total radium	3.4E-09 ± 6.0E-10	µCi/mL	IT
1	Total radium	4.2E-09 ± 8.0E-10	µCi/mL	IT
2	Tritium	1.8E-02 ± 2.0E-03	µCi/mL	IT

WELL HSB129C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91 Time: 10:25
Depth to water: 9.10 ft (2.77 m) below TOC pH: 5.6
Water elevation: 206.00 ft (62.79 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 190 µS/cm Water temperature: 17.5°C
Water evacuated before sampling: 153 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	Specific conductance	182	µS/cm	IT
0	Aluminum	66	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	46	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	13,600	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	4,060	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	7.1	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	3,150	µg/L	IT
1	Manganese	41	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	5.4	µg/L	IT
2	Nitrate as nitrogen	17,400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,140	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,710	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	8,790	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	152,000	µg/L	IT
0	Total organic carbon	1,510	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	297	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	71	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
2	Nonvolatile beta	5.7E-08 ± 6.0E-09	µCi/mL	IT
0	Total activity	2.2E-03 ± 1.0E-05	µCi/mL	EM
0	Total radium	1.2E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	2.0E-03 ± 2.0E-04	µCi/mL	IT

WELL HSB129D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91 Time: 9:50
Depth to water: 5.64 ft (1.72 m) below TOC pH: 4.8
Water elevation: 209.06 ft (63.72 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 380 µS/cm Water temperature: 13.2°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
1	Specific conductance	368	µS/cm	IT
1	Aluminum	180	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	35	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,430	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	4,530	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	6.8	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	2,240	µg/L	IT
0	Manganese	12	µg/L	IT
0	Mercury	0.54	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	41,800	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,030	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	55,400	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	294,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	34	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<10	µg/L	IT
0	Zinc	3.5	µg/L	IT
2	Americium-241	1.4E-08 ± 2.0E-09	µCi/mL	IT
0	Antimony-125	<2.8E-08	µCi/mL	IT
0	Cerium-141	<5.9E-09	µCi/mL	IT
0	Cerium-144	<2.0E-07	µCi/mL	IT
0	Cesium-134	<2.2E-08	µCi/mL	IT
0	Cesium-137	<4.2E-09	µCi/mL	IT
0	Cobalt-58	<3.9E-09	µCi/mL	IT
0	Cobalt-60	<5.5E-09	µCi/mL	IT
0	Gross alpha	5.0E-09 ± 2.2E-09	µCi/mL	IT
0	Manganese-54	<3.9E-09	µCi/mL	IT
0	Niobium-95	<4.2E-09	µCi/mL	IT
2	Nonvolatile beta	1.2E-07 ± 2.0E-08	µCi/mL	IT
1	Radium-226	2.0E-09 ± 5.0E-10	µCi/mL	IT
0	Radium-226	<1.5E-08	µCi/mL	IT
0	Radium-228	1.4E-09 ± 6.0E-10	µCi/mL	IT
0	Radium-228	<6.6E-08	µCi/mL	IT
0	Ruthenium-103	<4.0E-09	µCi/mL	IT
0	Ruthenium-106	<3.4E-08	µCi/mL	IT
0	Sodium-22	<5.2E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB129D collected on 01/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<6.6E-09	µCi/mL	IT
0	Total activity	1.1E-02±7.3E-05	µCi/mL	EM
2	Tritium	7.7E-03±8.0E-04	µCi/mL	IT
2	Tritium	7.6E-03±8.0E-04	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<2.8E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<6.6E-08	µCi/mL	IT
0	Zinc-65	<1.0E-08	µCi/mL	IT
0	Zirconium-95	<6.6E-09	µCi/mL	IT

WELL HSB130C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91
Depth to water: 18.56 ft (5.66 m) below TOC
Water elevation: 199.74 ft (60.88 m) msl
Sp. conductance: 174 µS/cm
Water evacuated before sampling: 105 gal

Time: 13:55
pH: 8.3
Alkalinity ($CaCO_3$): 87 mg/L
Water temperature: 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.0	pH	IT
0	Specific conductance	165	µS/cm	IT
0	Specific conductance	166	µS/cm	IT
0	Aluminum	47	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	23	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
1	Cadmium	7.4	µg/L	IT
1	Calcium	28,300	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,020	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	4.1	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<2.9	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	14	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	693	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,270	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	759	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	13,300	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,840	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	104,000	µg/L	IT
0	Total organic carbon	1,200	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	64	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	4.2	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT

WELL HSB130C collected on 01/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tritium	<1.0E-08	µCi/mL	IT

WELL HSB130D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91
Depth to water: 18.31 ft (5.58 m) below TOC
Water elevation: 200.29 ft (61.05 m) msl
Sp. conductance: 97 µS/cm
Water evacuated before sampling: 48 gal

Time: 15:15
pH: 6.7
Alkalinity ($CaCO_3$): 37 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	IT
0	Specific conductance	98	µS/cm	IT
0	Aluminum	71	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	9.3	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	16,300	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,920	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	3.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<2.9	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	17	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	687	µg/L	IT
0	Manganese	2.8	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	820	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,740	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,430	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	57,000	µg/L	IT
0	Total organic carbon	1,490	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	110	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	8.6	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	9.5E-06±1.0E-06	µCi/mL	IT

WELL HSB131C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/03/91
Depth to water: 8.21 ft (2.50 m) below TOC
Water elevation: 203.49 ft (62.02 m) msl
Sp. conductance: 223 µS/cm
Water evacuated before sampling: 144 gal
Time: 14:10
pH: 8.2
Alkalinity ($CaCO_3$): 77 mg/L
Water temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.9	pH	IT
0	Specific conductance	214	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	21	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	36,000	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,490	µg/L	IT
0	Chloride	2,540	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<2.0	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	588	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	2,870	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	733	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	13,200	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,170	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	151,000	µg/L	IT
0	Total dissolved solids	188,000	µg/L	IT
0	Total organic carbon	1,310	µg/L	IT
0	Total organic carbon	1,290	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	20	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.050	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	1.1	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	1.8E-04 ± 3.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	1.7E-04 ± 2.0E-0[illegible]5	µCi/mL	IT

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/03/91
Depth to water: 7.36 ft (2.24 m) below TOC
Water elevation: 204.74 ft (62.41 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 39 gal
Time: 14:25
pH: 5.1
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	pH	5.3	pH	IT
0	Specific conductance	25	µS/cm	IT
0	Aluminum	17	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	19	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,520	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,320	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	20	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	689	µg/L	IT
0	Manganese	7.1	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,230	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	691	µg/L	IT
0	Sulfate	1,970	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	37,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	34	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	5.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
1	Tritium	1.1E-05 ± 2.0E-06	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB131D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91
Depth to water: 6.04 ft (1.84 m) below TOC
Water elevation: 206.06 ft (62.81 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 34 gal

Time: 10:40
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 13.7°C

WELL HSB132C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: 18.48 ft (5.63 m) below TOC
Water elevation: 222.02 ft (67.67 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 140 gal

Time: 13:45
pH: 5.3
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 18.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	IT
0	Specific conductance	33	µS/cm	IT
0	Aluminum	26	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.2	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	744	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,670	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	9.2	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	J 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	32	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	253	µg/L	IT
0	Manganese	13	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	770	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,680	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,270	µg/L	IT
0	Sulfate	3,910	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	24,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	151	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	6.3	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB132D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: 19.10 ft (5.82 m) below TOC
Water elevation: 221.60 ft (67.54 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 40 gal

Time: 12:55
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	Specific conductance	18	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	515	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,200	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	308	µg/L	IT
0	Manganese	9.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	530	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,340	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,910	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	31,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	7.4	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	8.4	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
1	Tritium	1.5E-05 ± 2.0E-06	µCi/mL	IT

WELL HSB133C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91 Time: 9:45
Depth to water: 26.06 ft (7.94 m) below TOC pH: 6.0
Water elevation: 229.54 ft (69.96 m) msl Alkalinity ($CaCO_3$): 7 mg/L
Sp. conductance: 43 µS/cm Water temperature: 17.7°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	IT
0	Specific conductance	40	µS/cm	IT
0	Aluminum	17	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Barium	5.6	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	3,430	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,810	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	4.7	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	11	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	454	µg/L	IT
0	Manganese	5.6	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	200	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassiu	1,730	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	12,500	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,490	µg/L	IT
0	Sulfate	1,050	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	39,000	µg/L	IT
0	Total organic carbon	1,030	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	281	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	88	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	7.4	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB133D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91 Time: 9:20
Depth to water: 21.19 ft (6.46 m) below TOC pH: 5.8
Water elevation: 234.11 ft (71.36 m) msl Alkalinity ($CaCO_3$): 9 mg/L
Sp. conductance: 74 µS/cm Water temperature: 17.3°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	66	µS/cm	IT
0	Specific conductance	66	µS/cm	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<3.0	µg/L	IT
0	Barium	2.9	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,820	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	5,420	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	8.8	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	145	µg/L	IT
0	Manganese	4.2	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	160	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,220	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	9,640	µg/L	IT
0	Sulfate	7,780	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	58,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	24	µg/L	IT
0	Total phosphates (as P)	45	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	1,1,1-Trichloroethane	J 4.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	0.80	µg/L	IT
0	Zinc	2.2	µg/L	IT
0	Americium-241	1.8E-09 ± 6.0E-10	µCi/mL	IT
1	Americium-241	3.1E-09 ± 6.0E-10	µCi/mL	IT
0	Antimony-125	<2.9E-08	µCi/mL	IT
0	Cerium-141	<5.9E-09	µCi/mL	IT
0	Cerium-144	<2.0E-07	µCi/mL	IT
0	Cesium-134	<2.4E-08	µCi/mL	IT
0	Cesium-137	<3.9E-09	µCi/mL	IT
0	Cobalt-58	<4.0E-09	µCi/mL	IT
J	Cobalt-60	<5.1E-09	µCi/mL	IT
0	Gross alpha	6.2E-09 ± 2.5E-09	µCi/mL	IT
0	Manganese-54	<4.1E-09	µCi/mL	IT
0	Niobium-95	<4.3E-09	µCi/mL	IT
0	Nonvolatile beta	7.0E-09 ± 2.9E-09	µCi/mL	IT
2	Radium-226	1.3E-08 ± 2.0E-09	µCi/mL	IT
0	Radium-226	1.1E-09 ± 3.0E-10	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<7.2E-08	µCi/mL	IT
0	Ruthenium-103	<3.9E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB133D collected on 01/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Ruthenium-106	<3.7E-08	µCi/mL	IT
0	Sodium-22	<5.7E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<7.0E-09	µCi/mL	IT
2	Tritium	3.7E-05±4.0E-08	µCi/mL	IT
2	Tritium	3.7E-05±4.0E-08	µCi/mL	IT
0	Uranium-234	5.2E-09±1.1E-09	µCi/mL	IT
0	Uranium-235	2.4E-09±8.0E-10	µCi/mL	IT
0	Uranium-235	<2.7E-08	µCi/mL	IT
0	Uranium-238	2.5E-09±8.0E-10	µCi/mL	IT
0	Uranium-238	<9.1E-08	µCi/mL	IT
0	Zinc-65	<9.3E-09	µCi/mL	IT
0	Zirconium-95	<9.2E-09	µCi/mL	IT

WELL HSB134C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91
Depth to water: 17.84 ft (5.44 m) below TOC
Water elevation: 220.56 ft (67.23 m) msl
Sp. conductance: 47 µS/cm
Water evacuated before sampling: 188 gal
Time: 10:05
pH: 6.0
Alkalinity ($CaCO_3$): 5 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	IT
0	Specific conductance	43	µS/cm	IT
0	Aluminum	20	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	7.2	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	3,250	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,040	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	3.9	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<2.9	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	6.0	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	962	µg/L	IT
0	Manganese	19	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,110	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	679	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	12,900	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,050	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	32,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	59	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	4.8	µg/L	IT

WELL HSB134C collected on 01/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	4.2E-05±5.0E-08	µCi/mL	IT

WELL HSB134D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91
Depth to water: 16.26 ft (4.96 m) below TOC
Water elevation: 221.84 ft (67.62 m) msl
Sp. conductance: 188 µS/cm
Water evacuated before sampling: 52 gal
Time: 10:20
pH: 4.3
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	IT
0	Specific conductance	174	µS/cm	IT
2	Aluminum	582	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	48	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	648	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,910	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	3.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.1	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	14	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,920	µg/L	IT
2	Manganese	129	µg/L	IT
0	Mercury	0.57	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	14,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	599	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,570	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	24,800	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	117,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	64	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.030	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	3.9	µg/L	IT
1	Americium-241	2.7E-09±7.0E-10	µCi/mL	IT
0	Antimony-125	<4.0E-08	µCi/mL	IT
0	Cerium-141	<8.3E-09	µCi/mL	IT
0	Cerium-144	<2.8E-07	µCi/mL	IT
0	Cesium-134	<3.0E-08	µCi/mL	IT
0	Cesium-137	<5.7E-09	µCi/mL	IT
0	Cobalt-58	<5.7E-09	µCi/mL	IT
0	Cobalt-60	<7.5E-09	µCi/mL	IT
1	Gross alpha	9.8E-09±2.8E-09	µCi/mL	IT
0	Manganese-54	<5.5E-09	µCi/mL	IT
0	Niobium-95	<6.4E-09	µCi/mL	IT

WELL HSB134D collected on 01/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Nonvolatile beta	3.9E-07 ± 4.0E-08	µCi/mL	IT
1	Radium-226	2.7E-09 ± 5.0E-10	µCi/mL	IT
2	Radium-226	6.6E-09 ± 1.9E-09	µCi/mL	IT
2	Radium-228	5.2E-08 ± 8.0E-09	µCi/mL	IT
0	Radium-228	< 1.0E-07	µCi/mL	IT
0	Ruthenium-103	< 5.1E-09	µCi/mL	IT
0	Ruthenium-106	< 5.1E-08	µCi/mL	IT
0	Sodium-22	< 7.3E-09	µCi/mL	IT
0	Strontium-89	< 1.0E-09	µCi/mL	IT
2	Strontium-90	1.8E-07 ± 2.0E-08	µCi/mL	IT
0	Thorium-232	< 9.4E-09	µCi/mL	IT
0	Total activity	1.0E-03 ± 2.4E-05	µCi/mL	EM
2	Tritium	9.3E-04 ± 1.0E-04	µCi/mL	IT
1	Uranium-234	2.4E-08 ± 3.0E-09	µCi/mL	IT
0	Uranium-235	6.8E-09 ± 1.8E-09	µCi/mL	IT
0	Uranium-235	< 3.9E-08	µCi/mL	IT
0	Uranium-238	5.5E-09 ± 1.7E-09	µCi/mL	IT
0	Uranium-238	< 1.2E-07	µCi/mL	IT
0	Zinc-65	< 1.6E-08	µCi/mL	IT
0	Zirconium-95	< 1.3E-08	µCi/mL	IT

WELL HSB135C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91
Depth to water: 25.39 ft (7.74 m) below TOC
Water elevation: 206.61 ft (62.98 m) msl
Sp. conductance: 206 µS/cm
Water evacuated before sampling: 153 gal

Time: 16:00
pH: 7.9
Alkalinity ($CaCO_3$): 86 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	IT
0	Specific conductance	200	µS/cm	IT
0	Aluminum	< 10	µg/L	IT
0	Antimony	< 3.0	µg/L	IT
0	Arsenic	< 3.0	µg/L	IT
0	Barium	16	µg/L	IT
0	Benzene	< 5.0	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	Bromodichloromethane	< 5.0	µg/L	IT
0	Bromoform	< 5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	< 10	µg/L	IT
0	Cadmium	< 1.5	µg/L	IT
2	Calcium	35,400	µg/L	IT
0	Carbon tetrachloride	< 5.0	µg/L	IT
0	Chloride	2,220	µg/L	IT
0	Chlorobenzene	< 5.0	µg/L	IT
0	Chloroethane	< 10	µg/L	IT
0	Chloroethene (Vinyl chloride)	< 10	µg/L	IT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	IT
0	Chloroform	< 5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	< 10	µg/L	IT
0	Chromium	2.8	µg/L	IT
0	Cobalt	< 5.0	µg/L	IT
0	Copper	< 2.0	µg/L	IT
0	Cyanide	< 5.0	µg/L	IT
0	Dibromochloromethane	< 5.0	µg/L	IT
0	1,1-Dichloroethane	< 5.0	µg/L	IT
0	1,2-Dichloroethane	< 5.0	µg/L	IT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	IT
0	1,1-Dichloroethylene	< 5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	IT
0	1,2-Dichloropropane	< 5.0	µg/L	IT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	IT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	IT
0	Endrin	< 0.020	µg/L	IT
0	Ethylbenzene	< 5.0	µg/L	IT
0	Fluoride	< 250	µg/L	IT
0	Iron	6.9	µg/L	IT
0	Lead	< 3.0	µg/L	IT
0	Magnesium	467	µg/L	IT
0	Manganese	< 1.0	µg/L	IT
0	Mercury	< 0.20	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	IT
0	Nickel	< 2.5	µg/L	IT
0	Nitrate as nitrogen	340	µg/L	IT
0	Phenols	< 5.0	µg/L	IT
0	Potassium	< 500	µg/L	IT
0	Selenium	< 3.0	µg/L	IT
1	Silica	25,300	µg/L	IT
0	Silver	< 2.5	µg/L	IT
0	Sodium	1,650	µg/L	IT
0	Sulfate	1,030	µg/L	IT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	IT
0	Tetrachloroethylene	< 5.0	µg/L	IT
0	Toluene	J 2.0	µg/L	IT
0	Total dissolved solids	162,000	µg/L	IT
0	Total organic carbon	< 1,000	µg/L	IT
0	Total organic halogens	5.3	µg/L	IT
2	Total phosphates (as P)	598	µg/L	IT
0	Toxaphene	< 0.50	µg/L	IT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	IT
2	1,1,1-Trichloroethane	270	µg/L	IT

WELL HSB135C collected on 01/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,2-Trichloroethane	< 5.0	µg/L	IT
0	Trichloroethylene	< 5.0	µg/L	IT
0	Trichlorofluoromethane	< 10	µg/L	IT
0	Vanadium	0.60	µg/L	IT
0	Zinc	2.9	µg/L	IT
0	Gross alpha	3.6E-09 ± 2.2E-09	µCi/mL	IT
0	Nonvolatile beta	< 4.0E-09	µCi/mL	IT
0	Total radium	< 1.0E-09	µCi/mL	IT
2	Tritium	3.4E-05 ± 4.0E-06	µCi/mL	IT

WELL HSB135D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/02/91
Depth to water: 13.59 ft (4.14 m) below TOC
Water elevation: 218.71 ft (66.66 m) msl
Sp. conductance: 74 µS/cm
Water evacuated before sampling: 49 gal

Time: 15:40
pH: 5.0
Alkalinity ($CaCO_3$): 8 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	pH	5.3	pH	IT
0	Specific conductance	64	µS/cm	IT
0	Aluminum	32	µg/L	IT
0	Antimony	< 2.0	µg/L	IT
0	Arsenic	< 2.0	µg/L	IT
0	Barium	4.1	µg/L	IT
0	Benzene	< 5.0	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	Bromodichloromethane	< 5.0	µg/L	IT
0	Bromoform	< 5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	< 10	µg/L	IT
0	Cadmium	< 1.5	µg/L	IT
0	Calcium	170	µg/L	IT
0	Carbon tetrachloride	< 5.0	µg/L	IT
0	Chloride	2,380	µg/L	IT
0	Chlorobenzene	< 5.0	µg/L	IT
0	Chloroethane	< 10	µg/L	IT
0	Chloroethene (Vinyl chloride)	< 10	µg/L	IT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	IT
0	Chloroform	< 5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	< 10	µg/L	IT
0	Chromium	< 2.5	µg/L	IT
0	Cobalt	< 5.0	µg/L	IT
0	Copper	5.2	µg/L	IT
0	Cyanide	< 5.0	µg/L	IT
0	Dibromochloromethane	< 5.0	µg/L	IT
0	1,1-Dichloroethane	< 5.0	µg/L	IT
0	1,2-Dichloroethane	< 5.0	µg/L	IT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	IT
0	1,1-Dichloroethylene	< 5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.46	µg/L	IT
0	1,2-Dichloropropane	< 5.0	µg/L	IT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	IT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	IT
0	Endrin	< 0.020	µg/L	IT
0	Ethylbenzene	< 5.0	µg/L	IT
0	Fluoride	< 250	µg/L	IT
0	Iron	5.8	µg/L	IT
0	Lead	< 3.0	µg/L	IT
0	Magnesium	270	µg/L	IT
0	Manganese	9.6	µg/L	IT
0	Mercury	< 0.20	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	IT
0	Nickel	< 2.5	µg/L	IT
1	Nitrate as nitrogen	5,240	µg/L	IT
0	Phenols	< 5.0	µg/L	IT
0	Potassium	< 500	µg/L	IT
0	Selenium	< 3.0	µg/L	IT
0	Silica	5,420	µg/L	IT
0	Silver	< 2.5	µg/L	IT
0	Sodium	10,400	µg/L	IT
0	Sulfate	< 1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	IT
0	Tetrachloroethylene	< 5.0	µg/L	IT
0	Toluene	< 5.0	µg/L	IT
0	Total dissolved solids	53,000	µg/L	IT
0	Total organic carbon	< 1,000	µg/L	IT
0	Total organic halogens	11	µg/L	IT
0	Total phosphates (as P)	< 10	µg/L	IT
0	Toxaphene	< 0.50	µg/L	IT
0	2,4,5-TP (Silvex)	< 0.070	µg/L	IT
0	1,1,1-Trichloroethane	< 5.0	µg/L	IT
0	1,1,2-Trichloroethane	< 5.0	µg/L	IT
0	Trichloroethylene	< 5.0	µg/L	IT
0	Trichlorofluoromethane	< 10	µg/L	IT
0	Vanadium	< 0.50	µg/L	IT
0	Zinc	5.6	µg/L	IT
0	Gross alpha	< 3.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.7E-08 ± 4.0E-09	µCi/mL	IT
0	Total activity	2.8E-04 ± 1.4E-05	µCi/mL	EM
0	Total radium	< 1.0E-09	µCi/mL	IT
2	Tritium	2.6E-04 ± 3.0E-05	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB136C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/07/91
Depth to water: 10.03 ft (3.06 m) below TOC
Water elevation: 217.87 ft (66.41 m) msl
Sp. conductance: 454 µS/cm
Water evacuated before sampling: 151 gal
Time: 14:35
pH: 5.9
Alkalinity ($CaCO_3$): 12 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	IT
0	pH	6.3	pH	IT
1	Specific conductance	434	µS/cm	IT
0	Aluminum	42	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	74	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	12,800	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	4,090	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.2	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	2.1	µg/L	IT
1	Magnesium	4,080	µg/L	IT
2	Manganese	73	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	4.6	µg/L	IT
2	Nitrate as nitrogen	43,900	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,670	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,040	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	55,200	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	353,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	144	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	0.60	µg/L	IT
0	Zinc	18	µg/L	IT
0	Gross alpha	5.8E-09 ± 3.6E-09	µCi/mL	IT
2	Nonvolatile beta	1.3E-07 ± 2.0E-08	µCi/mL	IT
0	Total activity	1.1E-02 ± 6.9E-05	µCi/mL	EM
1	Total radium	3.3E-09 ± 6.0E-10	µCi/mL	IT
2	Tritium	1.0E-02 ± 1.0E-03	µCi/mL	IT

WELL HSB136D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/07/91
Depth to water: 6.35 ft (1.94 m) below TOC
Water elevation: 221.85 ft (67.56 m) msl
Sp. conductance: 381 µS/cm
Water evacuated before sampling: 56 gal
Time: 12:50
pH: 3.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	4.0	pH	IT
1	Specific conductance	352	µS/cm	IT
2	Aluminum	4,260	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	100	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,820	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,370	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	9.7	µg/L	IT
0	Copper	3.3	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.2	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	6.8	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	1,060	µg/L	IT
2	Manganese	419	µg/L	IT
0	Mercury	0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	17	µg/L	IT
2	Nitrate as nitrogen	34,400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,310	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,500	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	34,900	µg/L	IT
0	Sulfate	1,610	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	211,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	49	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	43	µg/L	IT
2	Gross alpha	6.6E-08 ± 7.0E-09	µCi/mL	IT
2	Nonvolatile beta	3.1E-06 ± 4.0E-07	µCi/mL	IT
0	Total activity	1.3E-02 ± 7.5E-05	µCi/mL	EM
2	Total radium	3.9E-08 ± 4.0E-09	µCi/mL	IT
2	Tritium	1.2E-02 ± 2.0E-03	µCi/mL	IT
2	Tritium	1.2E-02 ± 2.0E-03	µCi/mL	IT

WELL HSB137C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/07/91 — Time: 12:25
Depth to water: 15.12 ft (4.61 m) below TOC — pH: 5.4
Water elevation: 220.88 ft (67.33 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 524 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 150 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	IT
2	Specific conductance	517	µS/cm	IT
0	Aluminum	66	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	56	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	22,400	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,920	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.2	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
1	Magnesium	4,020	µg/L	IT
2	Manganese	76	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	6.6	µg/L	IT
2	Nitrate as nitrogen	53,800	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,060	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,570	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	54,800	µg/L	IT
0	Sulfate	3,520	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	403,000	µg/L	IT
0	Total organic carbon	1,880	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	80	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	38	µg/L	IT
0	Gross alpha	2.0E-09 ± 1.4E-09	µCi/mL	IT
2	Nonvolatile beta	1.7E-07 ± 2.0E-08	µCi/mL	IT
0	Total activity	1.1E-02 ± 6.9E-05	µCi/mL	EM
0	Total radium	1.9E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	9.8E-03 ± 1.0E-03	µCi/mL	IT

WELL HSB137D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/07/91 — Time: 10:05
Depth to water: 13.45 ft (4.10 m) below TOC — pH: 4.8
Water elevation: 223.15 ft (68.02 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 148 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	IT
0	Specific conductance	129	µS/cm	IT
0	Aluminum	79	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	16	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,650	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,220	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	46	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.2	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	8.0	µg/L	IT
0	Lead	6.1	µg/L	IT
0	Magnesium	1,340	µg/L	IT
2	Manganese	77	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	4.1	µg/L	IT
2	Nitrate as nitrogen	13,000	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	748	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,530	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	13,800	µg/L	IT
0	Sulfate	1,990	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	112,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	18	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.040	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<0.50	µg/L	IT
0	Zinc	37	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<4.2E-08	µCi/mL	IT
0	Cerium-141	<8.2E-09	µCi/mL	IT
0	Cerium-144	<2.7E-07	µCi/mL	IT
0	Cesium-134	<3.5E-08	µCi/mL	IT
0	Cesium-137	<5.8E-09	µCi/mL	IT
0	Cobalt-58	<5.8E-09	µCi/mL	IT
0	Cobalt-60	1.2E-08 ± 2.0E-09	µCi/mL	IT
0	Gross alpha	4.7E-09 ± 1.9E-09	µCi/mL	IT
0	Gross alpha	4.8E-09 ± 1.9E-09	µCi/mL	IT
0	Manganese-54	<5.4E-09	µCi/mL	IT
0	Niobium-95	<6.6E-09	µCi/mL	IT
2	Nonvolatile beta	2.2E-07 ± 3.0E-08	µCi/mL	IT
2	Nonvolatile beta	2.4E-07 ± 3.0E-08	µCi/mL	IT
1	Radium-226	2.5E-09 ± 5.0E-10	µCi/mL	IT
2	Radium-226	1.2E-08 ± 2.0E-09	µCi/mL	IT
2	Radium-228	2.6E-08 ± 3.0E-09	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<5.3E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB137D collected on 01/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Ruthenium-106	< 4.8E-08	µCi/mL	IT
0	Sodium-22	< 7.6E-09	µCi/mL	IT
0	Strontium-89	< 1.0E-09	µCi/mL	IT
2	Strontium-90	1.1E-07 ± 2.0E-08	µCi/mL	IT
1	Thorium-232	7.1E-09 ± 2.8E-09	µCi/mL	IT
0	Total activity	5.5E-03 ± 7.1E-05	µCi/mL	EM
2	Tritium	4.5E-03 ± 5.0E-04	µCi/mL	IT
0	Uranium-234	< 1.0E-09	µCi/mL	IT
0	Uranium-235	< 3.8E-08	µCi/mL	IT
0	Uranium-235	< 1.0E-09	µCi/mL	IT
0	Uranium-238	< 1.2E-07	µCi/mL	IT
0	Uranium-238	< 1.0E-09	µCi/mL	IT
0	Zinc-65	< 1.5E-08	µCi/mL	IT
0	Zirconium-95	< 1.2E-08	µCi/mL	IT

WELL HSB138D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91 — Time: 12:50
Depth to water: 26.31 ft (8.02 m) below TOC — pH: 5.8
Water elevation: 226.09 ft (68.91 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 110 µS/cm — Water temperature: 20.3°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	IT
0	Specific conductance	96	µS/cm	IT
0	Aluminum	< 10	µg/L	IT
0	Antimony	< 3.0	µg/L	IT
0	Arsenic	< 2.0	µg/L	IT
0	Barium	3.2	µg/L	IT
0	Benzene	< 5.0	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	Bromodichloromethane	< 5.0	µg/L	IT
0	Bromoform	< 5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	< 10	µg/L	IT
0	Cadmium	< 1.5	µg/L	IT
0	Calcium	1,060	µg/L	IT
0	Carbon tetrachloride	5.0	µg/L	IT
0	Chloride	2,370	µg/L	IT
0	Chlorobenzene	< 5.0	µg/L	IT
0	Chloroethane	< 10	µg/L	IT
0	Chloroethene (Vinyl chloride)	< 10	µg/L	IT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	IT
0	Chloroform	< 5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	< 10	µg/L	IT
0	Chromium	< 2.5	µg/L	IT
0	Cobalt	< 5.0	µg/L	IT
0	Copper	< 2.0	µg/L	IT
0	Cyanide	< 5.0	µg/L	IT
0	Dibromochloromethane	< 5.0	µg/L	IT
0	1,1-Dichloroethane	< 5.0	µg/L	IT
0	1,2-Dichloroethane	< 5.0	µg/L	IT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	IT
0	1,1-Dichloroethylene	< 5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.10	µg/L	IT
0	1,2-Dichloropropane	< 5.0	µg/L	IT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	IT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	IT
0	Endrin	< 0.020	µg/L	IT
0	Ethylbenzene	< 5.0	µg/L	IT
0	Fluoride	< 250	µg/L	IT
0	Iron	8.0	µg/L	IT
0	Lead	4.9	µg/L	IT
0	Magnesium	121	µg/L	IT
0	Manganese	1.8	µg/L	IT
0	Mercury	< 0.20	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	IT
	Nickel	< 2.5	µg/L	IT
	Nitrate as nitrogen	7,780	µg/L	IT
0	Phenols	< 5.0	µg/L	IT
0	Potassium	< 500	µg/L	IT
0	Selenium	< 3.0	µg/L	IT
0	Silica	4,970	µg/L	IT
0	Silver	< 2.5	µg/L	IT
0	Sodium	6,650	µg/L	IT
0	Sulfate	4,810	µg/L	IT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	IT
0	Tetrachloroethylene	< 5.0	µg/L	IT
0	Toluene	< 5.0	µg/L	IT
0	Total dissolved solids	54,000	µg/L	IT
0	Total organic carbon	2,070	µg/L	IT
0	Total organic halogens	< 5.0	µg/L	IT
0	Total phosphates (as P)	< 10	µg/L	IT
0	Toxaphene	< 0.50	µg/L	IT
0	2,4,5-TP (Silvex)	< 0.020	µg/L	IT
0	1,1,1-Trichloroethane	< 5.0	µg/L	IT
0	1,1,2-Trichloroethane	< 5.0	µg/L	IT
0	Trichloroethylene	< 5.0	µg/L	IT
0	Trichlorofluoromethane	< 10	µg/L	IT
0	Vanadium	< 1.0	µg/L	IT
0	Zinc	9.5	µg/L	IT
0	Gross alpha	< 4.0E-09	µCi/mL	IT

WELL HSB138D collected on 02/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Gross alpha	< 3.0E-09	µCi/mL	IT
0	Nonvolatile beta	< 4.0E-09	µCi/mL	IT
0	Nonvolatile beta	6.0E-09 ± 3.4E-09	µCi/mL	IT
0	Total activity	1.4E-03 ± 2.7E-05	µCi/mL	EM
0	Total radium	1.1E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	1.4E-03 ± 2.0E-04	µCi/mL	IT

WELL HSB139A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 — Time: 14:50
Depth to water: 61.04 ft (18.61 m) below TOC — pH: 8.0
Water elevation: 172.66 ft (52.63 m) msl — Alkalinity ($CaCO_3$): 89 mg/L
Sp. conductance: 233 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 223 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.7	pH	IT
0	Specific conductance	219	µS/cm	IT
0	Aluminum	< 10	µg/L	IT
0	Antimony	< 3.0	µg/L	IT
0	Arsenic	< 2.0	µg/L	IT
0	Barium	20	µg/L	IT
0	Benzene	< 5.0	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	Bromodichloromethane	< 5.0	µg/L	IT
0	Bromoform	< 5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	< 10	µg/L	IT
0	Cadmium	< 1.5	µg/L	IT
2	Calcium	38,400	µg/L	IT
0	Carbon tetrachloride	< 5.0	µg/L	IT
0	Chloride	2,300	µg/L	IT
0	Chlorobenzene	< 5.0	µg/L	IT
0	Chloroethane	< 10	µg/L	IT
0	Chloroethene (Vinyl chloride)	< 10	µg/L	IT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	IT
0	Chloroform	< 5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	< 10	µg/L	IT
0	Chromium	< 2.5	µg/L	IT
0	Cobalt	< 5.0	µg/L	IT
0	Copper	< 2.0	µg/L	IT
0	Cyanide	< 5.0	µg/L	IT
0	Dibromochloromethane	< 5.0	µg/L	IT
0	1,1-Dichloroethane	< 5.0	µg/L	IT
0	1,2-Dichloroethane	< 5.0	µg/L	IT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	IT
0	1,1-Dichloroethylene	< 5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.10	µg/L	IT
0	1,2-Dichloropropane	< 5.0	µg/L	IT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	IT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	IT
0	Endrin	< 0.020	µg/L	IT
0	Ethylbenzene	< 5.0	µg/L	IT
0	Fluoride	< 250	µg/L	IT
0	Iron	< 5.0	µg/L	IT
0	Lead	< 2.0	µg/L	IT
0	Magnesium	657	µg/L	IT
0	Manganese	5.7	µg/L	IT
0	Mercury	< 0.20	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	IT
0	Nickel	< 2.5	µg/L	IT
0	Nitrate as nitrogen	< 100	µg/L	IT
0	Phenols	< 5.0	µg/L	IT
0	Potassium	1,380	µg/L	IT
0	Selenium	< 3.0	µg/L	IT
1	Silica	31,800	µg/L	IT
0	Silver	< 2.5	µg/L	IT
0	Sodium	2,410	µg/L	IT
0	Sulfate	4,010	µg/L	IT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	IT
0	Tetrachloroethylene	< 5.0	µg/L	IT
0	Toluene	< 5.0	µg/L	IT
0	Total dissolved solids	170,000	µg/L	IT
0	Total organic carbon	< 1,000	µg/L	IT
0	Total organic halogens	< 5.0	µg/L	IT
0	Total phosphates (as P)	37	µg/L	IT
0	Toxaphene	< 0.50	µg/L	IT
0	2,4,5-TP (Silvex)	< 0.020	µg/L	IT
0	1,1,1-Trichloroethane	< 5.0	µg/L	IT
0	1,1,2-Trichloroethane	< 5.0	µg/L	IT
0	Trichloroethylene	< 5.0	µg/L	IT
0	Trichlorofluoromethane	< 10	µg/L	IT
0	Vanadium	< 1.0	µg/L	IT
0	Zinc	< 2.0	µg/L	IT
0	Gross alpha	< 2.0E-09	µCi/mL	IT
0	Nonvolatile beta	< 5.0E-09	µCi/mL	IT
0	Total radium	1.2E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	< 1.0E-06	µCi/mL	IT

WELL HSB139C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 — Time: 8:55
Depth to water: 19.28 ft (5.88 m) below TOC — pH: 5.5
Water elevation: 214.52 ft (65.39 m) msl — Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 397 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 28 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	IT
1	Specific conductance	383	µS/cm	IT
1	Specific conductance	384	µS/cm	IT
0	Aluminum	111	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	63	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	16,700	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	5,080	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	7.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	34	µg/L	IT
0	Lead	<2.0	µg/L	IT
1	Magnesium	5,450	µg/L	IT
2	Manganese	213	µg/L	IT
0	Mercury	0.53	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	8.5	µg/L	IT
2	Nitrate as nitrogen	39,800	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,470	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,330	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	39,400	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	8.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	313,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	13	µg/L	IT
0	Total phosphates (as P)	212	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	J 3.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	44	µg/L	IT
0	Gross alpha	2.6E-09 ± 1.7E-09	µCi/mL	IT
1	Nonvolatile beta	3.3E-08 ± 5.0E-09	µCi/mL	IT
0	Total activity	3.3E-03 ± 1.3E-05	µCi/mL	EM
0	Total radium	1.8E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	2.8E-03 ± 3.0E-04	µCi/mL	IT

WELL HSB139D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 — Time: 14:35
Depth to water: 10.44 ft (3.18 m) below TOC — pH: 4.8
Water elevation: 223.36 ft (68.06 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
0	Specific conductance	31	µS/cm	IT
0	Aluminum	39	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	11	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	960	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,120	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	14	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	J 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	9.7	µg/L	IT
0	Lead	2.1	µg/L	IT
0	Magnesium	577	µg/L	IT
1	Manganese	30	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	790	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	526	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,750	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,120	µg/L	IT
0	Sulfate	2,090	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	41,000	µg/L	IT
0	Total organic carbon	1,900	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Vanadium	<1.0	µg/L	IT
0	Zinc	15	µg/L	IT
2	Americium-241	6.6E-09 ± 1.0E-09	µCi/mL	IT
0	Antimony-125	<4.3E-08	µCi/mL	IT
0	Cerium-141	<8.5E-09	µCi/mL	IT
0	Cerium-144	<2.6E-07	µCi/mL	IT
0	Cesium-134	<3.3E-08	µCi/mL	IT
0	Cesium-137	<6.0E-09	µCi/mL	IT
0	Cobalt-58	<5.7E-09	µCi/mL	IT
0	Cobalt-60	<7.7E-09	µCi/mL	IT
0	Gross alpha	2.3E-09 ± 1.5E-09	µCi/mL	IT
0	Manganese-54	<5.2E-09	µCi/mL	IT
0	Niobium-95	<6.1E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<5.0E-09	µCi/mL	IT
0	Ruthenium-106	<5.0E-08	µCi/mL	IT
0	Sodium-22	<7.2E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB139D collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Strontium-90	<1.0E-09	µCi/mL	IT
1	Thorium-232	6.8E-09±2.8E-09	µCi/mL	IT
2	Tritium	4.0E-05±4.0E-08	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	1.1E-09±4.0E-10	µCi/mL	IT
0	Uranium-235	<3.9E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL HSB140A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91
Depth to water: 61.16 ft (18.64 m) below TOC
Water elevation: 174.74 ft (53.26 m) msl
Sp. conductance: 191 µS/cm
Water evacuated before sampling: 311 gal

Time: 14:00
pH: 7.7
Alkalinity ($CaCO_3$): 71 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	IT
0	Specific conductance	166	µS/cm	IT
2	Alkalinity (as $CaCO_3$)	79	mg/L	IT
0	Aluminum	48	µg/L	IT
0	Aluminum	48	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	4.8	µg/L	IT
0	Barium	30	µg/L	IT
0	Barium	32	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	23,800	µg/L	IT
1	Calcium	26,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,210	µg/L	IT
0	Chloride	2,200	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Iron	<5.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	504	µg/L	IT
0	Magnesium	538	µg/L	IT
0	Manganese	15	µg/L	IT
0	Manganese	16	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,820	µg/L	IT
1	Potassium	4,040	µg/L	IT
0	Selenium	<2.0	µg/L	IT
1	Silica	23,000	µg/L	IT
1	Silica	24,600	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	4,530	µg/L	IT

WELL HSB140A collected on 03/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	4,880	µg/L	IT
0	Sulfate	9,970	µg/L	IT
0	Sulfate	9,980	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	128,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
1	Total phosphates (as P)	336	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	2.3	µg/L	IT
0	Vanadium	2.3	µg/L	IT
0	Zinc	3.9	µg/L	IT
0	Zinc	4.4	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	7.6E-07±9.9E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB140C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91
Depth to water: 28.91 ft (8.81 m) below TOC
Water elevation: 206.69 ft (63.00 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 120 gal

Time: 13:05
pH: 6.0
Alkalinity ($CaCO_3$): 7 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	IT
0	Specific conductance	30	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	9.7	mg/L	IT
0	Aluminum	13	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	11	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,390	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,830	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	2.7	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	12	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	325	µg/L	IT
0	Manganese	8.7	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	480	µg/L	IT
0	Phenols	10	µg/L	IT
0	Potassium	1,240	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	8,110	µg/L	IT
0	Silver	<1.5	µg/L	IT

WELL HSB140C collected on 03/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	1,880	µg/L	IT
0	Sulfate	1,310	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	BJ 1.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	38,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	6.5	µg/L	IT
0	Total phosphates (as P)	80	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	15	µg/L	IT
0	Gross alpha	<1.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	1.7E-05±1.0E-05	µCi/mL	EM
0	Total radium	1.2E-09±4.0E-10	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	2.7E-06±3.0E-07	µCi/mL	IT

WELL HSB140D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 Time: 12:20
Depth to water: 19.53 ft (5.95 m) below TOC pH: 5.1
Water elevation: 216.67 ft (66.04 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 20 µS/cm Water temperature: 17.1°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
0	Specific conductance	12	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	53	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.4	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	450	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,430	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	15	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	434	µg/L	IT
0	Manganese	5.9	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	460	µg/L	IT
0	Phenols	7.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	5,270	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	963	µg/L	IT
0	Sulfate	1,060	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	24,000	µg/L	IT
0	Total organic carbon	2,030	µg/L	IT

WELL HSB140D collected on 03/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	31	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	8.5	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	2.0E-06±9.8E-06	µCi/mL	EM
0	Total radium	1.3E-09±4.0E-10	µCi/mL	IT
1	Tritium	1.2E-05±2.0E-06	µCi/mL	IT

WELL HSB141A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91 Time: 12:10
Depth to water: 80.60 ft (24.57 m) below TOC pH: 11.4
Water elevation: 174.00 ft (53.04 m) msl Alkalinity ($CaCO_3$): 155 mg/L
Sp. conductance: 714 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 618 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	IT
2	Specific conductance	583	µS/cm	IT
2	Alkalinity (as $CaCO_3$)	165	mg/L	IT
2	Aluminum	3,010	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	52	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	53,600	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,160	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	280	µg/L	IT
0	Iron	20	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	33	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	10,800	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	7,130	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	3,380	µg/L	IT
0	Sulfate	5,660	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	170,000	µg/L	IT
0	Total organic carbon	1,200	µg/L	IT
0	Total organic halogens	6.6	µg/L	IT
0	Total phosphates (as P)	12	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT

ANALYTICAL RESULTS

WELL HSB141A collected on 03/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Uranium	<75	µg/L	IT
0	Vanadium	8.2	µg/L	IT
0	Zinc	6.0	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.1E-08 ± 4.0E-09	µCi/mL	IT
0	Total activity	4.1E-06 ± 9.8E-06	µCi/mL	EM
0	Total radium	1.2E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB141C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91
Depth to water: 24.52 ft (7.47 m) below TOC
Water elevation: 230.18 ft (70.16 m) msl
Sp. conductance: 3600 µS/cm
Water evacuated before sampling: 43 gal
The well went dry during purging.

Time: 10:50
pH: 12.6
Alkalinity ($CaCO_3$): 966 mg/L
Water temperature: 17.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	IT
2	Specific conductance	3,630	µS/cm	IT
2	Alkalinity (as $CaCO_3$)	994	mg/L	IT
2	Aluminum	3,400	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	94	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	55,600	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	740	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	4.3	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	3.2	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	20	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	160	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	19,600	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	5,600	µg/L	IT
0	Silver	<1.5	µg/L	IT
1	Sodium	26,300	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	1.0E+06	µg/L	IT
0	Total organic carbon	3,540	µg/L	IT
0	Total organic halogens	13	µg/L	IT
0	Total phosphates (as P)	18	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	8.6	µg/L	IT
0	Zinc	2.1	µg/L	IT
2	Gross alpha	4.5E-08 ± 1.0E-08	µCi/mL	IT
2	Nonvolatile beta	7.2E-08 ± 9.0E-09	µCi/mL	IT
0	Total activity	6.2E-06 ± 1.0E-05	µCi/mL	EM
2	Total radium	1.4E-08 ± 2.0E-09	µCi/mL	IT
0	Tritium	9.2E-06 ± 1.0E-06	µCi/mL	IT

WELL HSB141D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91
Depth to water: 6.35 ft (1.94 m) below TOC
Water elevation: 248.45 ft (75.73 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 22 gal
The well went dry during purging.

Time: 10:30
pH: 5.1
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 16.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	IT
0	Specific conductance	14	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	<10	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	2.5	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	366	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,650	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	18	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	196	µg/L	IT
0	Manganese	11	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	110	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	4,710	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	1,770	µg/L	IT
0	Sulfate	1,590	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	30,000	µg/L	IT
0	Total organic carbon	2,150	µg/L	IT
0	Total organic halogens	6.8	µg/L	IT
0	Total phosphates (as P)	41	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	5.5	µg/L	IT
0	Gross alpha	3.2E-09 ± 2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total activity	3.6E-05 ± 1.1E-05	µCi/mL	EM
0	Total radium	1.6E-09 ± 5.0E-10	µCi/mL	IT
2	Tritium	2.3E-05 ± 3.0E-07	µCi/mL	IT

WELL HSB142C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91 — Time: 13:00
Depth to water: 4.64 ft (1.41 m) below TOC — pH: 5.6
Water elevation: 199.36 ft (60.77 m) msl — Alkalinity ($CaCO_3$): 4 mg/L
Sp. conductance: 30 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 99 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	IT
0	Specific conductance	24	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	6.6	mg/L	IT
0	Aluminum	13	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	2.7	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,370	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,470	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	13	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	314	µg/L	IT
0	Manganese	8.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	290	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	9,740	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	2,660	µg/L	IT
0	Sulfate	1,440	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	39,000	µg/L	IT
0	Total organic carbon	1,610	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	68	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	14	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	4.3E-06 ± 1.0E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT

WELL HSB142D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91 — Time: 13:10
Depth to water: 5.00 ft (1.52 m) below TOC — pH: 5.1
Water elevation: 199.20 ft (60.72 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 56 µS/cm — Water temperature: 16.4°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	46	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	67	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	28	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,710	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	4,850	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
1	Iron	187	µg/L	IT
0	Lead	2.4	µg/L	IT
0	Magnesium	755	µg/L	IT
0	Manganese	21	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	7,620	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	5,180	µg/L	IT
0	Sulfate	8,370	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	54,000	µg/L	IT
0	Total organic carbon	3,200	µg/L	IT
0	Total organic halogens	11	µg/L	IT
0	Total phosphates (as P)	48	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	23	µg/L	IT
0	Gross alpha	1.6E-09 ± 1.2E-09	µCi/mL	IT
0	Nonvolatile beta	6.8E-09 ± 3.4E-09	µCi/mL	IT
0	Total activity	3.3E-04 ± 1.6E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	2.7E-04 ± 3.0E-05	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB143C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 Time: 9:50
Depth to water: 12.42 ft (3.79 m) below TOC pH: 5.7
Water elevation: 209.76 ft (63.94 m) msl Alkalinity ($CaCO_3$): 4 mg/L
Sp. conductance: 38 µS/cm Water temperature: 15.9°C
Water evacuated before sampling: 162 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	30	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	8.6	mg/L	IT
0	Aluminum	26	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	10	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,920	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,710	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	92	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	224	µg/L	IT
0	Manganese	13	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	340	µg/L	IT
0	Phenols	5.1	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	6,010	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	3,240	µg/L	IT
0	Sulfate	1,670	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	20,000	µg/L	IT
0	Total organic carbon	4,840	µg/L	IT
0	Total organic halogens	21	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	5.1	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	1.4E-05 ± 9.9E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
1	Tritium	1.1E-05 ± 2.0E-06	µCi/mL	IT

WELL HSB143D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 Time: 10:25
Depth to water: 9.23 ft (2.81 m) below TOC pH: 5.0
Water elevation: 213.67 ft (65.13 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 21 µS/cm Water temperature: 16.6°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	IT
0	Specific conductance	15	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	50	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	8.4	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	397	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,610	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	4.1	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	18	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	384	µg/L	IT
0	Manganese	4.6	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	320	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	4,960	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	886	µg/L	IT
0	Sulfate	1,530	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	15,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	8.3	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	6.3	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	1.5E-05 ± 1.0E-05	µCi/mL	EM
0	Total radium	1.0E-09 ± 4.0E-10	µCi/mL	IT
1	Tritium	1.3E-05 ± 2.0E-06	µCi/mL	IT

WELL HSB144A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91 Time: 13:25
Inaccessibility or pump failure prevented sample collection.

WELL HSB144A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/91 — Time: 10:40
Depth to water: 65.39 ft (19.93 m) below TOC — pH: 6.5
Water elevation: 170.21 ft (51.88 m) msl — Alkalinity ($CaCO_3$): 48 mg/L
Sp. conductance: 192 µS/cm — Water temperature: 19.9°C
Water evacuated before sampling: 242 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total activity	3.1E-03 ± 1.0E-04	µCi/mL	EM

WELL HSB145C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 — Time: 16:15
Depth to water: 21.07 ft (6.42 m) below TOC — pH: 6.6
Water elevation: 214.63 ft (65.42 m) msl — Alkalinity ($CaCO_3$): 35 mg/L
Sp. conductance: 397 µS/cm — Water temperature: 18.1°C
Water evacuated before sampling: 189 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	IT
1	Specific conductance	388	µS/cm	IT
2	Alkalinity (as $CaCO_3$)	50	mg/L	IT
0	Aluminum	51	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	81	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	27,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	5,820	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	5.6	µg/L	IT
0	Lead	<2.0	µg/L	IT
1	Magnesium	5,290	µg/L	IT
2	Manganese	84	µg/L	IT
0	Mercury	0.33	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
2	Nitrate as nitrogen	25,900	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,010	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	9,590	µg/L	IT
0	Silver	<1.5	µg/L	IT
1	Sodium	27,600	µg/L	IT
0	Sulfate	2,520	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	13	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	283,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	27	µg/L	IT
0	Total phosphates (as P)	31	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	18	µg/L	IT

WELL HSB145C collected on 03/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.9E-08 ± 5.0E-09	µCi/mL	IT
0	Total activity	1.8E-03 ± 3.0E-05	µCi/mL	EM
0	Total radium	1.3E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	1.6E-03 ± 2.0E-04	µCi/mL	IT

WELL HSB145D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 — Time: 17:30
Depth to water: 11.80 ft (3.54 m) below TOC — pH: 8.2
Water elevation: 224.60 ft (68.46 m) msl — Alkalinity ($CaCO_3$): 29 mg/L
Sp. conductance: 395 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 142 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	IT
0	pH	6.3	pH	IT
1	Specific conductance	370	µS/cm	IT
1	Alkalinity (as $CaCO_3$)	36	mg/L	IT
1	Alkalinity (as $CaCO_3$)	36	mg/L	IT
0	Aluminum	71	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	136	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	14,200	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,700	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	11	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	17	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	2,280	µg/L	IT
2	Manganese	643	µg/L	IT
1	Mercury	1.5	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	5.4	µg/L	IT
2	Nitrate as nitrogen	27,500	µg/L	IT
0	Phenols	5.6	µg/L	IT
1	Potassium	7,980	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	6,710	µg/L	IT
0	Silver	<1.5	µg/L	IT
1	Sodium	39,500	µg/L	IT
0	Sulfate	1,150	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	277,000	µg/L	IT
1	Total dissolved solids	269,000	µg/L	IT
0	Total organic carbon	1,020	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	71	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	4.5	µg/L	IT
0	Zinc	17	µg/L	IT
2	Gross alpha	1.9E-08 ± 4.0E-09	µCi/mL	IT
2	Nonvolatile beta	5.0E-07 ± 5.0E-08	µCi/mL	IT
0	Total activity	2.2E-03 ± 3.3E-05	µCi/mL	EM
2	Total radium	1.4E-08 ± 2.0E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB145D collected on 03/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Tritium	1.8E-03 ± 2.0E-04	µCi/mL	IT

WELL HSB147D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91
Depth to water: 34.75 ft (10.59 m) below TOC
Water elevation: 232.55 ft (70.88 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 71 gal
Time: 10:00
pH: 5.4
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	28	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	< 5.0	mg/L	IT
0	Aluminum	14	µg/L	IT
0	Antimony	< 3.0	µg/L	IT
0	Arsenic	< 2.0	µg/L	IT
0	Barium	5.6	µg/L	IT
0	Benzene	< 5.0	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	Bromodichloromethane	< 5.0	µg/L	IT
0	Bromoform	< 5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	< 10	µg/L	IT
0	Cadmium	< 1.5	µg/L	IT
0	Calcium	1,180	µg/L	IT
0	Carbon tetrachloride	< 5.0	µg/L	IT
0	Chloride	4,680	µg/L	IT
0	Chlorobenzene	< 5.0	µg/L	IT
0	Chloroethane	< 10	µg/L	IT
0	Chloroethene (Vinyl chloride)	< 10	µg/L	IT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	IT
0	Chloroform	< 5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	< 10	µg/L	IT
0	Chromium	< 2.5	µg/L	IT
0	Cobalt	< 5.0	µg/L	IT
0	Copper	< 2.0	µg/L	IT
0	Cyanide	< 5.0	µg/L	IT
0	Dibromochloromethane	< 5.0	µg/L	IT
0	1,1-Dichloroethane	< 5.0	µg/L	IT
0	1,2-Dichloroethane	< 5.0	µg/L	IT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	IT
0	1,1-Dichloroethylene	< 5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.10	µg/L	IT
0	1,2-Dichloropropane	< 5.0	µg/L	IT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	IT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	IT
0	Endrin	< 0.020	µg/L	IT
0	Ethylbenzene	< 5.0	µg/L	IT
0	Fluoride	< 250	µg/L	IT
0	Iron	12	µg/L	IT
0	Lead	< 2.0	µg/L	IT
0	Magnesium	480	µg/L	IT
0	Manganese	6.1	µg/L	IT
0	Mercury	< 0.30	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	IT
0	Nickel	< 4.0	µg/L	IT
0	Nitrate as nitrogen	530	µg/L	IT
0	Phenols	< 5.0	µg/L	IT
0	Potassium	< 500	µg/L	IT
0	Selenium	< 2.0	µg/L	IT
0	Silica	5,880	µg/L	IT
0	Silver	< 1.5	µg/L	IT
0	Sodium	2,800	µg/L	IT
0	Sulfate	1,180	µg/L	IT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	IT
0	Tetrachloroethylene	< 5.0	µg/L	IT
0	Toluene	< 5.0	µg/L	IT
0	Total dissolved solids	20,000	µg/L	IT
0	Total organic carbon	1,290	µg/L	IT
0	Total organic halogens	< 5.0	µg/L	IT
0	Total phosphates (as P)	< 10	µg/L	IT
0	Toxaphene	< 0.50	µg/L	IT
0	2,4,5-TP (Silvex)	< 0.020	µg/L	IT
0	1,1,1-Trichloroethane	< 5.0	µg/L	IT
0	1,1,2-Trichloroethane	< 5.0	µg/L	IT
0	Trichloroethylene	< 5.0	µg/L	IT
0	Trichlorofluoromethane	< 10	µg/L	IT
0	Uranium	< 75	µg/L	IT
0	Vanadium	< 2.0	µg/L	IT
0	Zinc	24	µg/L	IT
0	Gross alpha	< 3.0E-09	µCi/mL	IT
0	Nonvolatile beta	< 4.0E-09	µCi/mL	IT
0	Total activity	2.6E-05 ± 1.1E-05	µCi/mL	EM
0	Total radium	< 1.0E-09	µCi/mL	IT
1	Tritium	1.9E-05 ± 2.0E-06	µCi/mL	IT

WELL HSB148C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91
Depth to water: 48.79 ft (14.87 m) below TOC
Water elevation: 202.11 ft (61.60 m) msl
Sp. conductance: 405 µS/cm
Water evacuated before sampling: 23 gal
The well went dry during purging.
Time: 9:35
pH: 11.9
Alkalinity ($CaCO_3$): 97 mg/L
Water temperature: 16.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	IT
1	Specific conductance	409	µS/cm	IT
2	Alkalinity (as $CaCO_3$)	113	mg/L	IT
2	Alkalinity (as $CaCO_3$)	114	mg/L	IT
2	Aluminum	1,660	µg/L	IT
0	Antimony	< 3.0	µg/L	IT
0	Arsenic	< 2.0	µg/L	IT
0	Barium	43	µg/L	IT
0	Benzene	< 5.0	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	Bromodichloromethane	< 5.0	µg/L	IT
0	Bromoform	< 5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	< 10	µg/L	IT
0	Cadmium	< 1.5	µg/L	IT
1	Calcium	28,100	µg/L	IT
0	Carbon tetrachloride	< 5.0	µg/L	IT
0	Chloride	1,810	µg/L	IT
0	Chlorobenzene	< 5.0	µg/L	IT
0	Chloroethane	< 10	µg/L	IT
0	Chloroethene (Vinyl chloride)	< 10	µg/L	IT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	IT
0	Chloroform	< 5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	< 10	µg/L	IT
0	Chromium	4.0	µg/L	IT
0	Cobalt	< 5.0	µg/L	IT
0	Copper	< 2.0	µg/L	IT
0	Cyanide	< 5.0	µg/L	IT
0	Dibromochloromethane	< 5.0	µg/L	IT
0	1,1-Dichloroethane	< 5.0	µg/L	IT
0	1,2-Dichloroethane	< 5.0	µg/L	IT
0	trans-1,2-Dichloroethene	< 5.0	µg/L	IT
0	1,1-Dichloroethylene	< 5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	< 5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.10	µg/L	IT
0	1,2-Dichloropropane	< 5.0	µg/L	IT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	IT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	IT
0	Endrin	< 0.020	µg/L	IT
0	Ethylbenzene	< 5.0	µg/L	IT
0	Fluoride	340	µg/L	IT
0	Iron	67	µg/L	IT
0	Lead	< 2.0	µg/L	IT
0	Magnesium	54	µg/L	IT
0	Manganese	< 1.0	µg/L	IT
0	Mercury	< 0.30	µg/L	IT
0	Mercury	< 0.30	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	IT
0	Nickel	< 4.0	µg/L	IT
0	Nitrate as nitrogen	350	µg/L	IT
0	Phenols	< 5.0	µg/L	IT
2	Potassium	9,000	µg/L	IT
0	Selenium	< 2.0	µg/L	IT
0	Silica	2,370	µg/L	IT
0	Silver	< 1.5	µg/L	IT
0	Sodium	11,700	µg/L	IT
0	Sulfate	7,480	µg/L	IT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	IT
0	Tetrachloroethylene	< 5.0	µg/L	IT
0	Toluene	< 5.0	µg/L	IT
0	Total dissolved solids	117,000	µg/L	IT
0	Total organic carbon	1,410	µg/L	IT
0	Total organic halogens	14	µg/L	IT
0	Total phosphates (as P)	52	µg/L	IT
0	Toxaphene	< 0.50	µg/L	IT
0	2,4,5-TP (Silvex)	< 0.020	µg/L	IT
0	1,1,1-Trichloroethane	< 5.0	µg/L	IT
0	1,1,2-Trichloroethane	< 5.0	µg/L	IT
0	Trichloroethylene	< 5.0	µg/L	IT
0	Trichlorofluoromethane	< 10	µg/L	IT
0	Uranium	< 75	µg/L	IT
0	Vanadium	8.5	µg/L	IT
0	Zinc	3.3	µg/L	IT
0	Gross alpha	< 4.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.1E-08 ± 4.0E-09	µCi/mL	IT
0	Total activity	3.8E-06 ± 9.8E-06	µCi/mL	EM
0	Total radium	1.6E-09 ± 5.0E-10	µCi/mL	IT
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	IT

WELL HSB148D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91 Time: 9:55
Depth to water: 36.05 ft (10.99 m) below TOC pH: 12.1
Water elevation: 215.05 ft (65.55 m) msl Alkalinity ($CaCO_3$): 140 mg/L
Sp. conductance: 548 µS/cm Water temperature: 16.3°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	IT
1	Specific conductance	349	µS/cm	IT
2	Alkalinity (as $CaCO_3$)	103	mg/L	IT
2	Aluminum	1,820	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	51	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	32,000	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,030	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	9.6	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	8.0	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	87	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
1	Potassium	4,110	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	87	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	8,060	µg/L	IT
0	Sulfate	5,760	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	104,000	µg/L	IT
0	Total dissolved solids	117,000	µg/L	IT
0	Total organic carbon	1,800	µg/L	IT
0	Total organic halogens	18	µg/L	IT
0	Total phosphates (as P)	35	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	7.3	µg/L	IT
0	Zinc	2.9	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	6.9E-09±3.1E-09	µCi/mL	IT
0	Total activity	1.9E-05±1.0E-05	µCi/mL	EM
0	Total radium	1.0E-09±4.0E-10	µCi/mL	IT
1	Tritium	1.2E-05±2.0E-06	µCi/mL	IT

WELL HSB149D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91 Time: 13:50
Depth to water: 13.42 ft (4.09 m) below TOC pH: 4.9
Water elevation: 226.58 ft (69.06 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 23 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 53 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	IT
0	Specific conductance	17	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	85	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.3	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	334	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,870	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	2.2	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	24	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	271	µg/L	IT
0	Manganese	4.5	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	560	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	4,980	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	1,650	µg/L	IT
0	Sulfate	1,120	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	24,000	µg/L	IT
0	Total organic carbon	1,550	µg/L	IT
0	Total organic halogens	5.2	µg/L	IT
0	Total phosphates (as P)	24	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	9.6	µg/L	IT
0	Gross alpha	1.6E-09±1.2E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	6.3E-05±1.1E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	5.5E-05±8.0E-06	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB150D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91
Depth to water: 6.47 ft (1.97 m) below TOC
Water elevation: 232.53 ft (70.88 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 68 gal

Time: 14:50
pH: 5.2
Alkalinity ($CaCO_3$): 6 mg/L
Water temperature: 15.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	34	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	6.5	mg/L	I
0	Aluminum	28	µg/L	I
0	Antimony	<3.0	µg/L	
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	734	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	4,190	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	2.3	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	27	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	472	µg/L	IT
0	Manganese	3.1	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	340	µg/L	IT
0	Phenols	8.8	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	5,380	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	5,170	µg/L	IT
0	Sulfate	3,070	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	41,000	µg/L	IT
0	Total organic carbon	4,170	µg/L	IT
0	Total organic halogens	13	µg/L	IT
0	Total phosphates (as P)	12	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	5.6	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	4.7E-05 ± 1.1E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	3.7E-05 ± 4.0E-06	µCi/mL	IT
2	Tritium	3.7E-05 ± 4.0E-06	µCi/mL	IT

WELL HSB151C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91
Depth to water: 3.63 ft (1.11 m) below TOC
Water elevation: 209.97 ft (64.00 m) msl
Sp. conductance: 84 µS/cm
Water evacuated before sampling: 109 gal

Time: 14:45
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	72	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	89	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	18	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,880	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,350	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	2.4	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	13	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	1,060	µg/L	IT
0	Manganese	11	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
1	Nitrate as nitrogen	6,610	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	552	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	6,360	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	8,990	µg/L	IT
0	Sulfate	2,830	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	72,000	µg/L	IT
0	Total organic carbon	3,340	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	7.3	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	1.6E-03 ± 2.9E-05	µCi/mL	EM
0	Total radium	1.2E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	1.5E-03 ± 2.0E-04	µCi/mL	IT

WELL HSB151D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91 — Time: 15:05
Depth to water: 4.06 ft (1.24 m) below TOC — pH: 5.1
Water elevation: 209.54 ft (63.87 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 14.3°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	19	µS/cm	IT
0	Specific conductance	19	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	22	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.7	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	550	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,470	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	3.4	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	19	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	487	µg/L	IT
0	Manganese	4.9	µg/L	IT
0	Mercury	0.37	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	820	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	4,390	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	2,640	µg/L	IT
0	Sulfate	1,610	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	35,000	µg/L	IT
0	Total organic carbon	1,830	µg/L	IT
0	Total organic halogens	9.4	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	7.6	µg/L	IT
0	Gross alpha	2.7E-09 ± 1.6E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	2.1E-04 ± 1.4E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	1.7E-04 ± 2.0E-05	µCi/mL	IT

WELL HSB152C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91 — Time: 11:45
Depth to water: 14.51 ft (4.42 m) below TOC — pH: 5.3
Water elevation: 199.59 ft (60.84 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 84 µS/cm — Water temperature: 17.2°C
Water evacuated before sampling: 73 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	85	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	8.5	mg/L	IT
0	Aluminum	34	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	27	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,320	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,910	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	13	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	1,790	µg/L	IT
1	Manganese	41	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	IT
1	Nitrate as nitrogen	7,070	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	670	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	8,020	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	6,290	µg/L	IT
0	Sulfate	1,250	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
J	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	68,000	µg/L	IT
0	Total organic carbon	1,730	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	11	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
1	Nonvolatile beta	2.7E-08 ± 5.0E-09	µCi/mL	IT
0	Total activity	1.1E-03 ± 2.5E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	9.9E-04 ± 1.0E-04	µCi/mL	IT

ANALYTICAL RESULTS

WELL HSB152D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91
Depth to water: 7.98 ft (2.43 m) below TOC
Water elevation: 206.14 ft (62.83 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 13:55
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 15.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	32	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	23	µg/L	IT
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	19	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,070	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	4,670	µg/L	IT
0	Chloride	4,530	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<5.0	µg/L	IT
0	Copper	7.8	µg/L	IT
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	89	µg/L	IT
0	Lead	6.4	µg/L	IT
0	Magnesium	481	µg/L	IT
1	Manganese	31	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	10	µg/L	IT
0	Nitrate as nitrogen	240	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	4,390	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	3,120	µg/L	IT
0	Sulfate	2,650	µg/L	IT
0	Sulfate	2,660	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	39,000	µg/L	IT
0	Total organic carbon	3,750	µg/L	IT
0	Total organic halogens	14	µg/L	IT
0	Total phosphates (as P)	114	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	J 2.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<2.0	µg/L	IT
0	Zinc	61	µg/L	IT
0	Gross alpha	5.8E-09 ± 2.6E-09	µCi/mL	IT
0	Nonvolatile beta	6.6E-09 ± 3.4E-09	µCi/mL	IT
0	Total activity	4.7E-05 ± 1.1E-05	µCi/mL	EM
0	Total radium	1.5E-08 ± 5.0E-10	µCi/mL	IT
2	Tritium	4.1E-05 ± 5.0E-06	µCi/mL	IT

WELL HSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91
Depth to water: 40.48 ft (12.33 m) below TOC
Water elevation: 269.64 ft (82.19 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 25 gal
The well went dry during purging.

Time: 10:05
pH: 6.3
Alkalinity ($CaCO_3$): 7 mg/L
Water temperature: 16.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	pH	6.4	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Specific conductance	19	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	48	µg/L	GE
0	Barium	47	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,800	µg/L	GE
0	Calcium	2,700	µg/L	GE
0	Chloride	1,980	µg/L	GE
0	Chloride	1,910	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	44	µg/L	GE
0	Copper	37	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	26	µg/L	GE
0	Iron	24	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	530	µg/L	GE
0	Magnesium	530	µg/L	GE
0	Manganese	4.7	µg/L	GE
0	Manganese	4.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	970	µg/L	GE
0	Nitrate as nitrogen	970	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Potassium	1,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	46,000	µg/L	GE
0	Total dissolved solids	46,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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 ± 3.2E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE

WELL HSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 — Time: 11:55
Depth to water: 35.40 ft (10.79 m) below TOC — pH: 5.5
Water elevation: 289.00 ft (81.99 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 91 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	25	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,500	µg/L	GE
0	Chloride	2,250	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	25	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Manganese	7.1	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	970	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	20,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	74,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.6E-06 ± 3.0E-07	µCi/mL	GE

WELL HSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/26/91 — Time: 10:25
Depth to water: 27.16 ft (8.28 m) below TOC — pH: 4.8
Water elevation: 282.84 ft (86.15 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 15.6°C
Water evacuated before sampling: 20 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	160	µg/L	GE
0	Chloride	2,810	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	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	86	µg/L	GE
1	Lead	28	µg/L	GE
0	Magnesium	250	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	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	Selenium	<2.0	µg/L	GE
0	Silica	4,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	1,720	µg/L	GE
0	Total dissolved solids	31,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL HSS 3D collected on 02/26/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	2.4E-09 ± 2.1E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 3.5E-09	µCi/mL	GE
0	Tritium	7.3E-06 ± 4.0E-07	µCi/mL	GE

WELL HTF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 — Time: 9:20
Depth to water: 9.80 ft (2.99 m) below TOC — pH: 6.6
Water elevation: 272.20 ft (82.97 m) msl
Sp. conductance: 248 µS/cm — Water temperature: 15.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	IT
0	Specific conductance	236	µS/cm	IT
0	Barium	134	µg/L	IT
2	Cadmium	24	µg/L	IT
0	Chromium	<13	µg/L	IT
2	Lead	435	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Sodium	5,190	µg/L	IT
0	Gross alpha	3.6E-09 ± 2.6E-09	µCi/mL	IT
0	Gross alpha	7.6E-10 ± 1.1E-09	µCi/mL	EM
0	Nonvolatile beta	9.8E-09 ± 3.3E-09	µCi/mL	IT
0	Nonvolatile beta	1.0E-08 ± 2.9E-09	µCi/mL	EM
0	Total radium	1.6E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	2.5E-05 ± 3.0E-06	µCi/mL	IT
2	Tritium	2.9E-05 ± 1.3E-06	µCi/mL	EM

WELL HTF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 — Time: 10:30
Depth to water: 8.00 ft (2.44 m) below TOC — pH: 6.7
Water elevation: 273.80 ft (83.46 m) msl
Sp. conductance: 204 µS/cm — Water temperature: 18.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	IT
0	pH	6.4	pH	IT
0	Specific conductance	130	µS/cm	IT
0	Barium	64	µg/L	IT
2	Cadmium	22	µg/L	IT
0	Chromium	<2.5	µg/L	IT
2	Lead	146	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Sodium	4,440	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Gross alpha	1.2E-09 ± 1.3E-09	µCi/mL	EM
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	3.6E-09 ± 2.0E-09	µCi/mL	EM
0	Total radium	1.5E-09 ± 5.0E-10	µCi/mL	IT
2	Tritium	2.7E-05 ± 3.0E-06	µCi/mL	IT
2	Tritium	3.0E-05 ± 1.3E-06	µCi/mL	EM

WELL HTF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 — Time: Not available
Inaccessibility or pump failure prevented sample collection

ANALYTICAL RESULTS

WELL HTF 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 Time: 11:10
Depth to water: 8.60 ft (2.62 m) below TOC pH: 7.0
Water elevation: 274.30 ft (83.61 m) msl
Sp. conductance: 152 µS/cm Water temperature: 20.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	IT
0	Specific conductance	98	µS/cm	IT
0	Barium	43	µg/L	IT
2	Cadmium	73	µg/L	IT
0	Chromium	<2.5	µg/L	IT
2	Lead	163	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Sodium	3,850	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Gross alpha	8.0E-10 ± 8.3E-10	µCi/mL	EM
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	3.1E-09 ± 1.4E-09	µCi/mL	EM
0	Total radium	1.2E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	3.2E-05 ± 4.0E-06	µCi/mL	IT
2	Tritium	3.5E-05 ± 1.4E-06	µCi/mL	EM

WELL HTF 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 9:40
Inaccessibility or pump failure prevented sample collection.

WELL HTF 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 9:45
Inaccessibility or pump failure prevented sample collection.

WELL HTF 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 Time: 9:30
Depth to water: 29.80 ft (9.08 m) below TOC pH: 6.7
Water elevation: 275.50 ft (83.97 m) msl
Sp. conductance: 129 µS/cm Water temperature: 20.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	IT
0	Specific conductance	142	µS/cm	IT
0	Barium	72	µg/L	IT
2	Cadmium	24	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Lead	18	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nitrate as nitrogen	850	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	5,530	µg/L	IT
0	Antimony-125	<1.0E-07	µCi/mL	EM
0	Cerium-144	<2.8E-07	µCi/mL	EM
0	Cesium-134	<4.6E-08	µCi/mL	EM
0	Cesium-137	<4.3E-08	µCi/mL	EM
0	Chromium-51	<8.4E-07	µCi/mL	EM
0	Cobalt-60	<3.2E-08	µCi/mL	EM
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Gross alpha	1.3E-09 ± 9.4E-10	µCi/mL	EM
0	Iodine-131	<7.8E-07	µCi/mL	EM
0	Niobium-95	<8.2E-08	µCi/mL	EM
0	Nonvolatile beta	5.5E-09 ± 3.2E-09	µCi/mL	IT
0	Nonvolatile beta	4.0E-09 ± 1.3E-09	µCi/mL	EM
0	Ruthenium-103	<6.8E-08	µCi/mL	EM
0	Ruthenium-106	<3.6E-07	µCi/mL	EM
0	Total radium	1.6E-09 ± 3.0E-10	µCi/mL	IT
0	Tritium	7.2E-06 ± 8.0E-07	µCi/mL	IT
0	Tritium	8.7E-06 ± 8.4E-07	µCi/mL	EM
0	Uranium-234	3.2E-09 ± 9.0E-10	µCi/mL	IT
0	Uranium-235	1.2E-09 ± 5.0E-10	µCi/mL	IT
0	Uranium-238	2.8E-09 ± 8.0E-10	µCi/mL	IT
0	Zirconium-95	<1.0E-07	µCi/mL	EM

WELL HTF 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 9:45
Inaccessibility or pump failure prevented sample collection.

WELL HTF 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 Time: 14:20
Depth to water: 51.50 ft (15.70 m) below TOC pH: 6.6
Water elevation: 272.50 ft (83.06 m) msl
Sp. conductance: 88 µS/cm Water temperature: 25.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	IT
0	Specific conductance	44	µS/cm	IT
0	Barium	11	µg/L	IT
0	Cadmium	1.8	µg/L	IT
0	Chromium	<25	µg/L	IT
0	Lead	14	µg/L	IT
2	Mercury	3.7	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Sodium	4,190	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Gross alpha	-1.2E-10 ± 2.3E-10	µCi/mL	EM
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.1E-09 ± 1.0E-09	µCi/mL	EM
0	Total radium	1.7E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	1.0E-04 ± 1.0E-05	µCi/mL	IT
2	Tritium	1.1E-04 ± 2.4E-06	µCi/mL	EM

WELL HTF 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 Time: 14:00
Depth to water: 50.80 ft (15.48 m) below TOC pH: 6.5
Water elevation: 271.90 ft (82.88 m) msl
Sp. conductance: 165 µS/cm Water temperature: 20.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	IT
0	Specific conductance	63	µS/cm	IT
0	Barium	29	µg/L	IT
2	Cadmium	27	µg/L	IT
0	Chromium	<25	µg/L	IT
0	Lead	4.5	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Sodium	4,940	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Gross alpha	4.5E-10 ± 6.4E-10	µCi/mL	EM
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.2E-09 ± 1.2E-09	µCi/mL	EM
0	Total radium	1.9E-09 ± 5.0E-10	µCi/mL	IT
2	Tritium	8.3E-05 ± 9.0E-06	µCi/mL	IT
2	Tritium	9.0E-05 ± 2.2E-06	µCi/mL	EM

WELL HTF 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 Time: 13:50
Depth to water: 50.00 ft (15.24 m) below TOC pH: 6.5
Water elevation: 272.80 ft (83.15 m) msl
Sp. conductance: 83 µS/cm Water temperature: 22.1°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	IT
0	Specific conductance	44	µS/cm	IT
0	Barium	11	µg/L	IT
1	Cadmium	8.1	µg/L	IT
0	Chromium	3.1	µg/L	IT
0	Lead	6.5	µg/L	IT
0	Mercury	0.67	µg/L	IT
0	Nitrate as nitrogen	170	µg/L	IT
0	Sodium	6,020	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Gross alpha	7.0E-10 ± 6.6E-10	µCi/mL	EM
0	Nonvolatile beta	5.8E-09 ± 3.5E-09	µCi/mL	IT

WELL HTF 11 collected on 01/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	2.0E-09±1.0E-09	µCi/mL	EM
0	Total radium	1.3E-09±4.0E-10	µCi/mL	IT
2	Tritium	9.0E-05±9.0E-06	µCi/mL	IT
2	Tritium	1.0E-04±2.4E-06	µCi/mL	EM

WELL HTF 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 Time: 14:50
Depth to water: 50.80 ft (15.48 m) below TOC pH: 7.0
Water elevation: 272.10 ft (82.94 m) msl
Sp. conductance: 64 µS/cm Water temperature: 25.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	IT
0	Specific conductance	28	µS/cm	IT
0	Barium	8.3	µg/L	IT
2	Cadmium	10	µg/L	IT
0	Chromium	5.2	µg/L	IT
0	Lead	23	µg/L	IT
0	Mercury	0.95	µg/L	IT
0	Nitrate as nitrogen	140	µg/L	IT
0	Sodium	4,340	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Gross alpha	6.8E-10±6.4E-10	µCi/mL	EM
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.1E-09±1.0E-09	µCi/mL	EM
0	Total radium	1.1E-09±4.0E-10	µCi/mL	IT
2	Tritium	2.1E-04±1.0E-05	µCi/mL	IT
2	Tritium	2.4E-04±3.4E-06	µCi/mL	EM

WELL HTF 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 10:00
Depth to water: 51.20 ft (15.61 m) below TOC pH: 5.4
Water elevation: 273.20 ft (83.27 m) msl
Sp. conductance: 30 µS/cm Water temperature: 21.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	27	µS/cm	IT
0	Specific conductance	27	µS/cm	IT
0	Barium	34	µg/L	IT
2	Cadmium	36	µg/L	IT
0	Chromium	<2.5	µg/L	IT
2	Lead	247	µg/L	IT
0	Mercury	0.95	µg/L	IT
0	Nitrate as nitrogen	740	µg/L	IT
0	Sodium	2,450	µg/L	IT
2	Gross alpha	2.3E-08±4.0E-09	µCi/mL	IT
0	Gross alpha	1.1E-10±3.3E-10	µCi/mL	EM
1	Nonvolatile beta	2.7E-08±4.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.1E-09±8.5E-10	µCi/mL	EM
2	Total radium	1.3E-08±2.0E-09	µCi/mL	IT
1	Tritium	1.7E-05±2.0E-06	µCi/mL	IT
2	Tritium	2.0E-05±1.1E-06	µCi/mL	EM

WELL HTF 14

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 10:35
Depth to water: 51.70 ft (15.76 m) below TOC pH: 5.9
Water elevation: 272.20 ft (82.97 m) msl
Sp. conductance: 45 µS/cm Water temperature: 19.9°C
No water was evacuated before sampling.
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	IT
0	Specific conductance	42	µS/cm	IT
0	Barium	60	µg/L	IT
2	Cadmium	25	µg/L	IT
0	Chromium	<2.5	µg/L	IT
2	Lead	118	µg/L	IT
0	Mercury	0.20	µg/L	IT
0	Nitrate as nitrogen	1,610	µg/L	IT
0	Sodium	3,840	µg/L	IT
0	Gross alpha	6.9E-10±6.5E-10	µCi/mL	EM
0	Nonvolatile beta	2.5E-09±1.1E-09	µCi/mL	EM
2	Tritium	4.5E-05±5.0E-06	µCi/mL	IT

WELL HTF 14 collected on 01/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Tritium	5.0E-05±1.6E-06	µCi/mL	EM

WELL HTF 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 13:15
Depth to water: 50.00 ft (15.24 m) below TOC pH: 5.5
Water elevation: 272.50 ft (83.06 m) msl
Sp. conductance: 61 µS/cm Water temperature: 20.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	IT
0	Specific conductance	57	µS/cm	IT
0	Barium	17	µg/L	IT
2	Cadmium	243	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Lead	20	µg/L	IT
0	Mercury	0.31	µg/L	IT
0	Nitrate as nitrogen	1,930	µg/L	IT
0	Sodium	7,470	µg/L	IT
2	Gross alpha	1.9E-08±4.0E-09	µCi/mL	IT
0	Gross alpha	3.4E-10±4.9E-10	µCi/mL	EM
0	Nonvolatile beta	1.9E-08±4.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.9E-09±9.6E-10	µCi/mL	EM
2	Total radium	1.1E-08±2.0E-09	µCi/mL	IT
2	Tritium	3.7E-05±4.0E-06	µCi/mL	IT
2	Tritium	4.1E-05±1.5E-06	µCi/mL	EM

WELL HTF 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 Time: 13:30
Depth to water: 31.50 ft (9.60 m) below TOC pH: 5.9
Water elevation: 268.80 ft (81.93 m) msl
Sp. conductance: 53 µS/cm Water temperature: 20.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	46	µS/cm	IT
0	Barium	19	µg/L	IT
2	Cadmium	11	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Lead	15	µg/L	IT
0	Mercury	0.45	µg/L	IT
0	Nitrate as nitrogen	1,820	µg/L	IT
0	Sodium	2,920	µg/L	IT
1	Gross alpha	9.8E-09±3.5E-09	µCi/mL	IT
0	Gross alpha	6.8E-10±6.3E-10	µCi/mL	EM
0	Nonvolatile beta	1.3E-08±4.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.9E-09±9.8E-10	µCi/mL	EM
1	Total radium	3.2E-09±8.0E-10	µCi/mL	IT
2	Tritium	2.1E-05±3.0E-06	µCi/mL	IT
2	Tritium	2.3E-05±1.2E-06	µCi/mL	EM

WELL HTF 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 Time: 12:40
Depth to water: 29.20 ft (8.90 m) below TOC pH: 5.8
Water elevation: 261.00 ft (79.55 m) msl
Sp. conductance: 69 µS/cm Water temperature: 19.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	79	µS/cm	IT
0	Barium	100	µg/L	IT
1	Cadmium	9.2	µg/L	IT
0	Chromium	6.7	µg/L	IT
2	Lead	106	µg/L	IT
2	Mercury	2.4	µg/L	IT
0	Nitrate as nitrogen	3,240	µg/L	IT
0	Sodium	2,110	µg/L	IT
2	Gross alpha	1.6E-07±4.0E-08	µCi/mL	IT
0	Gross alpha	1.1E-10±3.5E-10	µCi/mL	EM
2	Nonvolatile beta	2.6E-07±5.0E-08	µCi/mL	IT
0	Nonvolatile beta	2.6E-09±1.1E-08	µCi/mL	EM
1	Total radium	3.0E-09±9.0E-10	µCi/mL	IT
2	Tritium	3.7E-05±4.0E-06	µCi/mL	IT
2	Tritium	3.8E-05±1.4E-06	µCi/mL	EM

ANALYTICAL RESULTS

WELL HTF 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 — Time: 10:00
Depth to water: 52.80 ft (16.09 m) below TOC — pH: 4.9
Water elevation: 270.90 ft (82.57 m) msl
Sp. conductance: 59 µS/cm — Water temperature: 14.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	IT
0	Specific conductance	57	µS/cm	IT
0	Barium	21	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Lead	4.3	µg/L	IT
0	Mercury	0.27	µg/L	IT
0	Nitrate as nitrogen	1,060	µg/L	IT
0	Sodium	5,180	µg/L	IT
2	Gross alpha	2.2E-08±5.0E-09	µCi/mL	IT
0	Gross alpha	2.4E-09±1.1E-09	µCi/mL	EM
1	Nonvolatile beta	2.5E-08±5.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.4E-09±1.0E-09	µCi/mL	EM
1	Total radium	4.0E-09±7.0E-10	µCi/mL	IT
1	Tritium	1.3E-05±2.0E-06	µCi/mL	IT
1	Tritium	1.6E-05±1.0E-06	µCi/mL	EM

WELL HTF 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 10:30
Depth to water: 58.40 ft (17.19 m) below TOC — pH: 7.7
Water elevation: 268.40 ft (81.81 m) msl
Sp. conductance: 42 µS/cm — Water temperature: 21.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.7	pH	IT
0	Specific conductance	128	µS/cm	IT
0	Barium	33	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Chromium	3.9	µg/L	IT
1	Lead	26	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nitrate as nitrogen	280	µg/L	IT
0	Sodium	2,210	µg/L	IT
1	Gross alpha	1.2E-08±8.0E-09	µCi/mL	IT
0	Gross alpha	3.4E-10±4.8E-10	µCi/mL	EM
1	Nonvolatile beta	2.6E-08±7.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.6E-09±9.3E-10	µCi/mL	EM
1	Total radium	2.5E-09±4.0E-10	µCi/mL	IT
0	Tritium	9.8E-06±1.0E-06	µCi/mL	IT
1	Tritium	1.1E-05±9.2E-07	µCi/mL	EM

WELL HTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 12:45
Depth to water: 57.60 ft (17.56 m) below TOC — pH: 4.5
Water elevation: 267.30 ft (81.47 m) msl
Sp. conductance: 56 µS/cm — Water temperature: 25.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	IT
0	Specific conductance	51	µS/cm	IT
0	Barium	22	µg/L	IT
0	Cadmium	2.4	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Lead	6.0	µg/L	IT
1	Mercury	1.4	µg/L	IT
0	Nitrate as nitrogen	2,170	µg/L	IT
0	Sodium	4,020	µg/L	IT
2	Gross alpha	1.5E-08±4.0E-09	µCi/mL	IT
0	Gross alpha	7.0E-10±6.6E-10	µCi/mL	EM
1	Nonvolatile beta	2.5E-08±5.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.6E-09±9.5E-10	µCi/mL	EM
1	Total radium	3.9E-09±6.0E-10	µCi/mL	IT
1	Tritium	1.4E-05±2.0E-06	µCi/mL	IT
1	Tritium	1.6E-05±1.0E-06	µCi/mL	EM

WELL HTF 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 12:45
Depth to water: 57.60 ft (17.56 m) below TOC — pH: 4.5
Water elevation: 267.30 ft (81.47 m) msl
Sp. conductance: 56 µS/cm — Water temperature: 25.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	1.7E-08±4.0E-09	µCi/mL	IT
0	Gross alpha	3.4E-10±5.1E-10	µCi/mL	EM
0	Nonvolatile beta	2.0E-08±4.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.6E-10±7.4E-10	µCi/mL	EM
1	Tritium	1.4E-05±2.0E-06	µCi/mL	IT
1	Tritium	1.7E-05±1.0E-06	µCi/mL	EM

WELL HTF 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 12:25
Depth to water: 58.00 ft (17.07 m) below TOC — pH: 5.2
Water elevation: 268.70 ft (81.90 m) msl
Sp. conductance: 48 µS/cm — Water temperature: 19.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
0	Specific conductance	40	µS/cm	IT
0	Barium	19	µg/L	IT
1	Cadmium	7.7	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Lead	15	µg/L	IT
1	Mercury	1.2	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Sodium	3,840	µg/L	IT
1	Gross alpha	8.1E-09±2.8E-09	µCi/mL	IT
0	Gross alpha	2.2E-10±4.1E-10	µCi/mL	EM
0	Nonvolatile beta	9.0E-09±3.2E-09	µCi/mL	IT
0	Nonvolatile beta	1.9E-09±9.8E-10	µCi/mL	EM
2	Total radium	6.9E-09±1.1E-09	µCi/mL	IT
1	Tritium	1.2E-05±2.0E-06	µCi/mL	IT
1	Tritium	1.3E-05±9.8E-07	µCi/mL	EM

WELL HTF 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 14:20
Depth to water: 59.00 ft (17.98 m) below TOC — pH: 6.3
Water elevation: 274.50 ft (83.67 m) msl
Sp. conductance: 143 µS/cm — Water temperature: 20.0°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	IT
0	Specific conductance	135	µS/cm	IT
0	Barium	17	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Chromium	2.7	µg/L	IT
0	Lead	3.8	µg/L	IT
0	Mercury	0.35	µg/L	IT
0	Nitrate as nitrogen	1,740	µg/L	IT
0	Sodium	4,270	µg/L	IT
1	Gross alpha	1.2E-08±3.0E-09	µCi/mL	IT
0	Gross alpha	5.1E-10±7.3E-10	µCi/mL	EM
0	Nonvolatile beta	1.8E-08±4.0E-09	µCi/mL	IT
0	Nonvolatile beta	3.4E-09±1.5E-09	µCi/mL	EM
2	Total radium	9.0E-09±1.1E-09	µCi/mL	IT
1	Tritium	1.5E-05±2.0E-06	µCi/mL	IT
1	Tritium	1.6E-05±1.0E-06	µCi/mL	EM

WELL HTF 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 14:45
Depth to water: 60.20 ft (18.35 m) below TOC pH: 8.5
Water elevation: 273.80 ft (83.46 m) msl
Sp. conductance: 107 µS/cm Water temperature: 21.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.5	pH	IT
0	Specific conductance	101	µS/cm	IT
0	Barium	13	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Lead	6.7	µg/L	IT
0	Mercury	0.78	µg/L	IT
0	Nitrate as nitrogen	1,510	µg/L	IT
0	Sodium	4,590	µg/L	IT
1	Gross alpha	1.2E-08±3.0E-09	µCi/mL	IT
0	Gross alpha	4.9E-10±5.9E-10	µCi/mL	EM
0	Nonvolatile beta	1.3E-08±4.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.9E-09±9.9E-10	µCi/mL	EM
2	Total radium	7.1E-09±1.2E-09	µCi/mL	IT
2	Tritium	2.3E-05±3.0E-06	µCi/mL	IT
2	Tritium	2.5E-05±1.2E-08	µCi/mL	EM

WELL HTF 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 15:10
Depth to water: 60.20 ft (18.35 m) below TOC pH: 5.2
Water elevation: 273.70 ft (83.42 m) msl
Sp. conductance: 45 µS/cm Water temperature: 22.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	42	µS/cm	IT
0	Barium	13	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Lead	20	µg/L	IT
0	Mercury	0.97	µg/L	IT
0	Nitrate as nitrogen	350	µg/L	IT
0	Sodium	4,080	µg/L	IT
1	Gross alpha	1.2E-08±3.0E-09	µCi/mL	IT
0	Gross alpha	1.1E-10±3.4E-10	µCi/mL	EM
0	Nonvolatile beta	9.5E-09±3.4E-09	µCi/mL	IT
0	Nonvolatile beta	8.8E-10±8.2E-10	µCi/mL	EM
2	Total radium	8.1E-09±1.0E-09	µCi/mL	IT
2	Tritium	2.8E-05±3.0E-06	µCi/mL	IT
2	Tritium	2.9E-05±1.3E-08	µCi/mL	EM

WELL HTF 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 15:30
Depth to water: 61.00 ft (18.59 m) below TOC pH: 5.3
Water elevation: 273.30 ft (83.30 m) msl
Sp. conductance: 38 µS/cm Water temperature: 22.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	33	µS/cm	IT
0	Barium	7.5	µg/L	IT
0	Barium	8.0	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Lead	3.1	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Nitrate as nitrogen	1,040	µg/L	IT
0	Sodium	2,520	µg/L	IT
0	Sodium	2,640	µg/L	IT
0	Gross alpha	7.2E-09±2.9E-09	µCi/mL	IT
0	Gross alpha	6.7E-10±6.2E-10	µCi/mL	EM
0	Nonvolatile beta	9.8E-09±3.8E-09	µCi/mL	IT
0	Nonvolatile beta	9.3E-10±8.3E-10	µCi/mL	EM
0	Total radium	1.7E-09±5.0E-10	µCi/mL	IT
2	Tritium	2.0E-05±2.0E-06	µCi/mL	IT
2	Tritium	2.0E-05±2.0E-06	µCi/mL	IT
2	Tritium	2.2E-05±1.2E-06	µCi/mL	EM

WELL HTF 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 Time: 13:20
Depth to water: 61.50 ft (18.75 m) below TOC pH: 5.9
Water elevation: 274.00 ft (83.52 m) msl
Sp. conductance: 85 µS/cm Water temperature: 19.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
0	Specific conductance	76	µS/cm	IT
0	Barium	40	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Lead	3.8	µg/L	IT
0	Mercury	0.43	µg/L	IT
0	Nitrate as nitrogen	2,090	µg/L	IT
0	Sodium	2,450	µg/L	IT
2	Gross alpha	2.1E-08±5.0E-09	µCi/mL	IT
0	Gross alpha	3.3E-09±1.3E-09	µCi/mL	EM
1	Nonvolatile beta	3.5E-08±5.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.3E-08±2.3E-09	µCi/mL	EM
2	Total radium	5.8E-09±8.0E-10	µCi/mL	IT
1	Tritium	1.2E-05±2.0E-08	µCi/mL	IT
1	Tritium	1.4E-05±9.8E-07	µCi/mL	EM

WELL HTF 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 Time: 10:20
Depth to water: 58.50 ft (17.83 m) below TOC pH: 4.2
Water elevation: 274.60 ft (83.70 m) msl
Sp. conductance: 141 µS/cm Water temperature: 20.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.2	pH	IT
0	Specific conductance	139	µS/cm	IT
0	Barium	34	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Lead	6.2	µg/L	IT
0	Mercury	0.27	µg/L	IT
0	Nitrate as nitrogen	1,560	µg/L	IT
0	Sodium	7,700	µg/L	IT
1	Gross alpha	1.0E-08±4.0E-09	µCi/mL	IT
0	Gross alpha	5.6E-09±2.1E-09	µCi/mL	EM
0	Nonvolatile beta	2.1E-08±5.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.2E-08±2.6E-09	µCi/mL	EM
1	Total radium	3.6E-09±6.0E-10	µCi/mL	IT
1	Tritium	1.2E-05±2.0E-06	µCi/mL	IT
1	Tritium	1.2E-05±9.3E-07	µCi/mL	EM

WELL HTF 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 Time: 12:50
Depth to water: 58.90 ft (17.95 m) below TOC pH: 5.4
Water elevation: 274.80 ft (83.76 m) msl
Sp. conductance: 35 µS/cm Water temperature: 18.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	IT
0	Specific conductance	32	µS/cm	IT
0	Barium	15	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Lead	9.5	µg/L	IT
0	Mercury	0.35	µg/L	IT
0	Nitrate as nitrogen	290	µg/L	IT
0	Sodium	2,910	µg/L	IT
1	Gross alpha	8.8E-09±2.8E-09	µCi/mL	IT
0	Gross alpha	2.1E-10±4.0E-10	µCi/mL	EM
0	Nonvolatile beta	1.0E-08±4.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.9E-09±9.7E-10	µCi/mL	EM
2	Total radium	5.5E-09±7.0E-10	µCi/mL	IT
0	Tritium	8.1E-06±9.0E-07	µCi/mL	IT
0	Tritium	9.4E-06±8.6E-07	µCi/mL	EM

ANALYTICAL RESULTS

WELL HTF 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 13:50
Depth to water: 58.50 ft (17.83 m) below TOC pH: 5.6
Water elevation: 275.00 ft (83.82 m) msl
Sp. conductance: 55 µS/cm Water temperature: 18.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	48	µS/cm	IT
0	Barium	12	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Lead	6.1	µg/L	IT
1	Mercury	1.0	µg/L	IT
0	Nitrate as nitrogen	2,520	µg/L	IT
0	Sodium	3,970	µg/L	IT
1	Gross alpha	9.2E-09±3.7E-09	µCi/mL	IT
0	Gross alpha	5.5E-10±5.7E-10	µCi/mL	EM
0	Nonvolatile beta	1.3E-08±5.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.4E-09±9.0E-10	µCi/mL	EM
1	Total radium	3.7E-09±9.0E-10	µCi/mL	IT
1	Tritium	1.8E-05±2.0E-06	µCi/mL	IT
1	Tritium	1.9E-05±1.1E-06	µCi/mL	EM

WELL HTF 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 13:50
Depth to water: 58.50 ft (17.83 m) below TOC pH: 5.6
Water elevation: 275.00 ft (83.82 m) msl
Sp. conductance: 55 µS/cm Water temperature: 18.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Gross alpha	1.1E-08±4.0E-09	µCi/mL	IT
0	Gross alpha	2.1E-10±4.3E-10	µCi/mL	EM
0	Nonvolatile beta	1.8E-08±4.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.3E-09±9.0E-10	µCi/mL	EM
1	Tritium	1.8E-05±2.0E-06	µCi/mL	IT
1	Tritium	2.0E-05±1.1E-06	µCi/mL	EM

WELL HTF 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 Time: 12:30
Depth to water: 53.00 ft (16.15 m) below TOC pH: 6.2
Water elevation: 274.70 ft (83.73 m) msl
Sp. conductance: 49 µS/cm Water temperature: 18.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	pH	5.4	pH	IT
0	Specific conductance	45	µS/cm	IT
0	Barium	57	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Mercury	0.26	µg/L	IT
0	Nitrate as nitrogen	2,170	µg/L	IT
0	Sodium	4,830	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Gross alpha	5.6E-10±5.8E-10	µCi/mL	EM
0	Nonvolatile beta	4.6E-09±2.7E-09	µCi/mL	IT
0	Nonvolatile beta	1.1E-09±8.5E-10	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	9.4E-06±1.0E-06	µCi/mL	IT
0	Tritium	9.6E-06±8.7E-07	µCi/mL	EM

WELL HTF 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 Time: 10:50
Depth to water: 55.00 ft (16.76 m) below TOC pH: 5.6
Water elevation: 274.10 ft (83.55 m) msl
Sp. conductance: 45 µS/cm Water temperature: 18.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	IT
0	Specific conductance	42	µS/cm	IT
0	Barium	14	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Mercury	0.20	µg/L	IT
0	Nitrate as nitrogen	2,050	µg/L	IT
0	Sodium	5,070	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Gross alpha	9.9E-10±7.4E-10	µCi/mL	EM
0	Nonvolatile beta	7.0E-09±4.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.5E-09±9.2E-10	µCi/mL	EM
0	Total radium	1.0E-09	µCi/mL	IT
1	Tritium	9E-05±1.0E-06	µCi/mL	IT
1	Tritium	1.1E-05±9.0E-07	µCi/mL	EM

WELL HTF 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 Time: 13:40
Inaccessibility or pump failure prevented sample collection.

WELL HWS 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/30/91 Time: 11:20
Depth to water: 81.66 ft (24.89 m) below TOC pH: 5.4
Water elevation: 242.94 ft (74.05 m) msl Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 21 µS/cm Water temperature: 15.4°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	400	µg/L	GE
0	Chloride	1,430	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	190	µg/L	GE
0	Lead	22	µg/L	GE
0	Magnesium	380	µg/L	GE
1	Manganese	44	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	820	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	850	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,100	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	Total dissolved solids	10,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	62	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09±2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.7E-06±5.0E-07	µCi/mL	GE

WELL HWS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91 Time: 14:55
Depth to water: 79.83 ft (24.27 m) below TOC pH: 4.8
Water elevation: 243.57 ft (74.24 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 20 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 74 gal

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	18	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Chloride	1,430	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	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	740	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	580	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,100	µg/L	GE
0	Sulfate	2,590	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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	7.4E-08±3.0E-07	µCi/mL	GE

WELL HXB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 10:55
Depth to water: 57.20 ft (17.43 m) below TOC pH: 4.8
Water elevation: 249.00 ft (75.90 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 29 µS/cm Water temperature: 18.0°C
Water evacuated before sampling: 91 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	26	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	330	µg/L	GE
0	Chloride	2,170	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	85	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	400	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	1,400	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	9,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	45	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL HXB 1 collected on 01/31/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Tritium	2.8E-05±8.0E-07	µCi/mL	GE

WELL HXB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 12:00
Depth to water: 54.48 ft (16.61 m) below TOC pH: 5.0
Water elevation: 249.92 ft (76.18 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 27 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 98 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	20	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	270	µg/L	GE
0	Chloride	2,110	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	130	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Manganese	2.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,110	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	570	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09±2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.3E-06±3.0E-07	µCi/mL	GE

WELL HXB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 11:25
Depth to water: 54.74 ft (16.68 m) below TOC pH: 4.9
Water elevation: 249.46 ft (76.04 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 28 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 99 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	27	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	300	µg/L	GE
0	Chloride	2,230	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	120	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	390	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	Nitrate as nitrogen	1,660	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	740	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	15,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE

ANALYTICAL RESULTS

WELL HXB 3 collected on 01/31/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	5.8E-06±4.0E-07	µCi/mL	GE

WELL IDB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91
Depth to water: 108.29 ft (33.01 m) below TOC
Water elevation: 188.51 ft (57.46 m) msl
Sp. conductance: 1223 µS/cm
Water evacuated before sampling: 24 gal
The well went dry during purging.

Time: 9:25
pH: 12.1
Alkalinity ($CaCO_3$): 397 mg/L
Water temperature: 16.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	pH	12	pH	GE
2	Specific conductance	1,170	µS/cm	GE
2	Specific conductance	1,190	µS/cm	GE
2	Alkalinity (as $CaCO_3$)	338	mg/L	GE
2	Alkalinity (as $CaCO_3$)	335	mg/L	GE
2	Aluminum	4,700	µg/L	GE
2	Aluminum	4,800	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	150	µg/L	GE
0	Barium	150	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	130,000	µg/L	GE
2	Calcium	140,000	µg/L	GE
0	Chloride	1,680	µg/L	GE
0	Chloride	1,660	µg/L	GE
0	Chromium	6.8	µg/L	GE
0	Chromium	6.6	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	220	µg/L	GE
0	Fluoride	220	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	39	µg/L	GE
0	Iron	35	µg/L	GE
0	Lead	7.8	µg/L	GE
0	Lead	5.2	µg/L	GE
0	Magnesium	11	µg/L	GE
0	Magnesium	12	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silica	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	15,500	µg/L	GE
0	Sulfate	15,400	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
0	Total carbon	<1,000	µg/L	GE
1	Total dissolved solids	245,000	µg/L	GE
1	Total dissolved solids	263,000	µg/L	GE
0	Total inorganic carbon	<1,000	µg/L	GE

WELL IDB 1A collected on 03/12/91, laboratory analyses (continued)

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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	11	µg/L	GE
0	Vanadium	11	µg/L	GE
0	Zinc	7.4	µg/L	GE
0	Zinc	8.3	µg/L	GE
0	Antimony-125	<1.8E-08	µCi/mL	IT
0	Cerium-141	<6.2E-09	µCi/mL	IT
0	Cerium-144	<2.7E-08	µCi/mL	IT
0	Cesium-134	<8.3E-09	µCi/mL	IT
0	Cesium-137	<7.7E-09	µCi/mL	IT
0	Cobalt-58	<7.7E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<7.1E-09	µCi/mL	IT
0	Niobium-95	<7.3E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<1.3E-08	µCi/mL	IT
0	Radium-228	<2.9E-08	µCi/mL	IT
0	Ruthenium-103	<6.2E-09	µCi/mL	IT
0	Ruthenium-106	<5.7E-08	µCi/mL	IT
0	Sodium-22	<8.3E-09	µCi/mL	IT
0	Thorium-232	<8.7E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.9E-06±3.0E-07	µCi/mL	GE
0	Tritium	2.1E-06±3.0E-07	µCi/mL	GE
0	Uranium-235	<2.8E-08	µCi/mL	IT
2	Uranium-238	4.4E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<1.7E-08	µCi/mL	IT
0	Zirconium-95	<1.8E-08	µCi/mL	IT

WELL IDB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91
Depth to water: 112.71 ft (34.35 m) below TOC
Water elevation: 184.59 ft (56.26 m) msl
Sp. conductance: 117 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 9:45
pH: 10.9
Alkalinity ($CaCO_3$): 58 mg/L
Water temperature: 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Specific conductance	70	µS/cm	GE
2	Alkalinity (as $CaCO_3$)	81	mg/L	GE
2	Aluminum	277	µg/L	GE
2	Antimony	6.9	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	38	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	14,000	µg/L	GE
0	Chloride	1,830	µg/L	GE
0	Chromium	6.3	µg/L	GE
0	Cobalt	<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	Iodine	<100	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	78	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	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	8,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	28,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,800	µg/L	GE
0	Sulfate	9,100	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	93,000	µg/L	GE
0	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL IDB 1B collected on 03/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.9	µg/L	GE
0	Antimony-125	<2.2E-08	µCi/mL	IT
0	Cerium-141	<1.2E-08	µCi/mL	IT
0	Cerium-144	<5.5E-08	µCi/mL	IT
0	Cesium-134	<1.0E-08	µCi/mL	IT
0	Cesium-137	<9.0E-09	µCi/mL	IT
0	Cobalt-58	<8.2E-09	µCi/mL	IT
0	Cobalt-60	<9.8E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<9.3E-09	µCi/mL	IT
0	Niobium-95	<8.2E-09	µCi/mL	IT
0	Nonvolatile beta	8.5E-09±4.0E-09	µCi/mL	GE
0	Radium-226	<1.7E-08	µCi/mL	IT
0	Radium-228	<3.5E-08	µCi/mL	IT
0	Ruthenium-103	<9.2E-09	µCi/mL	IT
0	Ruthenium-106	<7.5E-08	µCi/mL	IT
0	Sodium-22	<1.2E-08	µCi/mL	IT
0	Thorium-232	<1.3E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium-235	<1.0E-08	µCi/mL	IT
0	Uranium-238	<1.4E-07	µCi/mL	IT
0	Zinc-65	<2.3E-08	µCi/mL	IT
0	Zirconium-95	<2.1E-08	µCi/mL	IT

WELL IDB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91
Depth to water: 56.37 ft (17.18 m) below TOC
Water elevation: 240.83 ft (73.41 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 117 gal
Time: 11:30
pH: 5.8
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 17.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
0	pH	5.7	pH	IT
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	18	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	7.0	mg/L	GE
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	45	µg/L	GE
0	Aluminum	11	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	8.5	µg/L	GE
0	Barium	8.3	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,200	µg/L	GE
0	Calcium	1,140	µg/L	IT
0	Chloride	1,390	µg/L	GE
0	Chloride	1,330	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	13	µg/L	GE
0	Copper	2.1	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	IT
0	Iron	26	µg/L	GE
0	Iron	12	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	330	µg/L	GE
0	Magnesium	351	µg/L	IT
0	Manganese	4.9	µg/L	GE
0	Manganese	5.6	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	880	µg/L	GE
0	Nitrate as nitrogen	840	µg/L	IT

WELL IDB 1C collected on 03/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	7,600	µg/L	GE
0	Silica	8,020	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT
0	Sodium	1,600	µg/L	GE
0	Sodium	1,570	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	1,020	µg/L	IT
1	Total carbon	5,000	µg/L	GE
0	Total carbon	1,970	µg/L	IT
0	Total dissolved solids	33,000	µg/L	GE
0	Total dissolved solids	12,000	µg/L	IT
1	Total inorganic carbon	5,000	µg/L	GE
0	Total inorganic carbon	1,780	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	24	µg/L	GE
0	Total organic halogens	15	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	29	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<75	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<2.0	µg/L	IT
0	Zinc	22	µg/L	GE
0	Zinc	9.6	µg/L	IT
0	Antimony-125	<1.2E-08	µCi/mL	IT
0	Cerium-141	<4.1E-08	µCi/mL	IT
0	Cerium-144	<2.1E-08	µCi/mL	IT
0	Cesium-134	<6.8E-09	µCi/mL	IT
0	Cesium-137	<5.5E-09	µCi/mL	IT
0	Cobalt-58	<5.8E-09	µCi/mL	IT
0	Cobalt-60	<7.1E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<5.7E-09	µCi/mL	IT
0	Niobium-95	<5.4E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
2	Radium-226	2.4E-08±3.0E-09	µCi/mL	IT
0	Radium-228	<2.1E-08	µCi/mL	IT
0	Ruthenium-103	<4.8E-09	µCi/mL	IT
0	Ruthenium-106	<4.4E-08	µCi/mL	IT
0	Sodium-22	<6.9E-09	µCi/mL	IT
2	Thorium-232	1.6E-08±2.0E-09	µCi/mL	IT
0	Total radium	1.1E-09±2.6E-09	µCi/mL	GE
0	Total radium	1.4E-09±4.0E-10	µCi/mL	IT
0	Tritium	2.7E-08±3.0E-07	µCi/mL	GE
0	Tritium	1.7E-08±2.0E-07	µCi/mL	IT
0	Uranium-235	<2.2E-08	µCi/mL	IT
2	Uranium-238	4.4E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL IDB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91
Depth to water: 56.37 ft (17.18 m) below TOC
Water elevation: 240.83 ft (73.41 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 117 gal
Time: 11:30
pH: 5.8
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 17.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	pH	5.6	pH	IT
0	Specific conductance	18	µS/cm	GE
0	Specific conductance	18	µS/cm	IT
0	Alkalinity (as $CaCO_3$)	4.8	mg/L	GE
0	Alkalinity (as $CaCO_3$)	<5.0	mg/L	IT
0	Aluminum	21	µg/L	GE
0	Aluminum	11	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	7.7	µg/L	GE
0	Barium	7.6	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	IT

ANALYTICAL RESULTS

WELL IDB 1C collected on 03/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,100	µg/L	GE
0	Calcium	1,050	µg/L	IT
0	Chloride	1,450	µg/L	GE
0	Chloride	1,330	µg/L	IT
0	Chloride	1,340	µg/L	IT
0	Chromium	4.3	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	2.4	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iodine	<100	µg/L	GE
0	Iodine	<100	µg/L	IT
0	Iodine	<100	µg/L	IT
0	Iron	26	µg/L	GE
0	Iron	6.4	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	340	µg/L	GE
0	Magnesium	338	µg/L	IT
0	Manganese	4.8	µg/L	GE
0	Manganese	5.2	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	IT
0	Nitrate as nitrogen	680	µg/L	GE
0	Nitrate as nitrogen	660	µg/L	IT
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	7,100	µg/L	GE
0	Silica	7,770	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT
0	Sodium	1,700	µg/L	GE
0	Sodium	1,510	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	1,020	µg/L	IT
0	Sulfate	1,020	µg/L	IT
1	Total carbon	5,000	µg/L	GE
0	Total carbon	3,430	µg/L	IT
0	Total carbon	2,810	µg/L	IT
0	Total dissolved solids	38,000	µg/L	GE
0	Total dissolved solids	30,000	µg/L	IT
1	Total inorganic carbon	5,000	µg/L	GE
0	Total inorganic carbon	2,220	µg/L	IT
0	Total inorganic carbon	2,140	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,210	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	22	µg/L	GE
0	Total organic halogens	16	µg/L	IT
0	Total phosphates (as P)	90	µg/L	GE
0	Total phosphates (as P)	74	µg/L	IT
0	Total phosphates (as P)	73	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<75	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<2.0	µg/L	IT
0	Zinc	15	µg/L	GE
0	Zinc	10	µg/L	IT
0	Antimony-125	<1.2E-08	µCi/mL	IT
0	Cerium-141	<4.8E-09	µCi/mL	IT
0	Cerium-144	<2.1E-08	µCi/mL	IT
0	Cesium-134	<6.1E-09	µCi/mL	IT
0	Cesium-137	<5.8E-09	µCi/mL	IT
0	Cobalt-58	<5.8E-09	µCi/mL	IT
0	Cobalt-60	<7.4E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	1.5E-09 ± 1.1E-09	µCi/mL	IT
0	Manganese-54	<5.9E-09	µCi/mL	IT
0	Niobium-95	<5.8E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
2	Radium-226	2.5E-08 ± 3.0E-09	µCi/mL	IT
0	Radium-228	<2.3E-08	µCi/mL	IT
0	Ruthenium-103	<4.9E-09	µCi/mL	IT
0	Ruthenium-106	<4.6E-08	µCi/mL	IT
0	Sodium-22	<7.0E-09	µCi/mL	IT
2	Thorium-232	1.4E-08 ± 2.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE

WELL IDB 1C collected on 03/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total radium	1.2E-09 ± 5.0E-10	µCi/mL	IT
0	Tritium	3.0E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	1.8E-06 ± 2.0E-07	µCi/mL	IT
0	Uranium-235	<2.2E-08	µCi/mL	IT
2	Uranium-238	4.2E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.3E-08	µCi/mL	IT

WELL IDB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 — Time: 13:05
Depth to water: 116.15 ft (35.40 m) below TOC — pH: 6.4
Water elevation: 188.15 ft (57.35 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 45 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 566 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	10	mg/L	GE
0	Aluminum	55	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,200	µg/L	GE
0	Chloride	1,550	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<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	Iodine	<100	µg/L	GE
2	Iron	1,100	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	250	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	4.4	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	720	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,200	µg/L	GE
0	Sulfate	10,500	µg/L	GE
1	Total carbon	8,000	µg/L	GE
0	Total dissolved solids	20,000	µg/L	GE
1	Total inorganic carbon	8,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	25	µg/L	GE
0	Antimony-125	<2.2E-08	µCi/mL	IT
0	Cerium-141	<1.2E-08	µCi/mL	IT
0	Cerium-144	<5.5E-08	µCi/mL	IT
0	Cesium-134	<8.1E-09	µCi/mL	IT
0	Cesium-137	<9.2E-09	µCi/mL	IT
0	Cobalt-58	<8.4E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<9.1E-09	µCi/mL	IT
0	Niobium-95	<8.9E-09	µCi/mL	IT
0	Nonvolatile beta	2.7E-09 ± 2.7E-09	µCi/mL	GE
0	Radium-226	<1.6E-08	µCi/mL	IT
0	Radium-228	<3.4E-08	µCi/mL	IT
0	Ruthenium-103	<8.3E-09	µCi/mL	IT
0	Ruthenium-106	<7.6E-08	µCi/mL	IT
0	Sodium-22	<9.3E-09	µCi/mL	IT
0	Thorium-232	<1.3E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium-235	<1.0E-08	µCi/mL	IT
0	Uranium-238	<1.3E-07	µCi/mL	IT
0	Zinc-65	<2.3E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL IDB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 Time: 13:25
Depth to water: 126.77 ft (39.25 m) below TOC pH: 11.7
Water elevation: 176.93 ft (53.93 m) msl Alkalinity ($CaCO_3$): 148 mg/L
Sp. conductance: 525 µS/cm Water temperature: 18.3°C
Water evacuated before sampling: 160 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
0	Specific conductance	52	µS/cm	GE
2	Alkalinity (as $CaCO_3$)	159	mg/L	GE
2	Aluminum	1,300	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	82	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	55,000	µg/L	GE
0	Chloride	1,540	µg/L	GE
0	Chromium	4.6	µg/L	GE
0	Cobalt	<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	120	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	27	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	30	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	70	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	4,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,200	µg/L	GE
0	Sulfate	16,200	µg/L	GE
0	Total carbon	1,000	µg/L	GE
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 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	Uranium	<1,000	µg/L	GE
0	Vanadium	21	µg/L	GE
0	Zinc	4.5	µg/L	GE
0	Antimony-125	<1.8E-08	µCi/mL	IT
0	Cerium-141	<7.2E-09	µCi/mL	IT
0	Cerium-144	<3.1E-08	µCi/mL	IT
0	Cesium-134	<8.6E-09	µCi/mL	IT
0	Cesium-137	<8.5E-09	µCi/mL	IT
0	Cobalt-58	<8.5E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<9.0E-09	µCi/mL	IT
0	Niobium-95	<8.9E-09	µCi/mL	IT
0	Nonvolatile beta	4.9E-09±3.5E-09	µCi/mL	GE
2	Radium-226	2.7E-08±3.0E-09	µCi/mL	IT
0	Radium-228	<3.1E-08	µCi/mL	IT
0	Ruthenium-103	<7.2E-09	µCi/mL	IT
0	Ruthenium-106	<6.7E-08	µCi/mL	IT
0	Sodium-22	<1.0E-08	µCi/mL	IT
0	Thorium-232	<9.8E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium-235	<3.2E-08	µCi/mL	IT
2	Uranium-238	4.3E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<2.1E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL IDB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 Time: 13:45
Depth to water: 71.98 ft (21.94 m) below TOC pH: 10.9
Water elevation: 234.42 ft (71.45 m) msl Alkalinity ($CaCO_3$): 92 mg/L
Sp. conductance: 168 µS/cm Water temperature: 18.0°C
Water evacuated before sampling: 100 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Specific conductance	71	µS/cm	GE
2	Alkalinity (as $CaCO_3$)	67	mg/L	GE
2	Aluminum	310	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	58	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	32,000	µg/L	GE
0	Chloride	1,750	µg/L	GE
0	Chromium	6.3	µg/L	GE
0	Cobalt	<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	Iodine	<100	µg/L	GE
0	Iron	24	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	320	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	540	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,400	µg/L	GE
0	Sulfate	2,330	µg/L	GE
0	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	52,000	µg/L	GE
0	Total inorganic carbon	3,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	4.9	µg/L	GE
0	Antimony-125	<1.4E-08	µCi/mL	IT
0	Cerium-141	<5.5E-09	µCi/mL	IT
0	Cerium-144	<2.4E-08	µCi/mL	IT
0	Cesium-134	<5.0E-09	µCi/mL	IT
0	Cesium-137	<6.9E-09	µCi/mL	IT
0	Cobalt-58	<6.6E-09	µCi/mL	IT
0	Cobalt-60	<9.0E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<6.6E-09	µCi/mL	IT
0	Niobium-95	<6.0E-09	µCi/mL	IT
0	Nonvolatile beta	3.9E-09±2.7E-09	µCi/mL	GE
2	Radium-226	2.3E-08±3.0E-09	µCi/mL	IT
0	Radium-228	<2.6E-08	µCi/mL	IT
0	Ruthenium-103	<5.7E-09	µCi/mL	IT
0	Ruthenium-106	<5.5E-08	µCi/mL	IT
0	Sodium-22	<8.3E-09	µCi/mL	IT
0	Thorium-232	<7.5E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	9.7E-07±2.0E-07	µCi/mL	GE
0	Uranium-235	<2.5E-08	µCi/mL	IT
2	Uranium-238	4.5E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<1.6E-08	µCi/mL	IT
0	Zirconium-95	<1.1E-08	µCi/mL	IT

WELL IDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91 Time: 16:45
Depth to water: 90.53 ft (27.59 m) below TOC
Water elevation: 234.37 ft (71.44 m) msl
The well pumped dry before all field parameters were collected.

ANALYTICAL RESULTS

WELL IDB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91
Depth to water: 68.78 ft (20.96 m) below TOC
Water elevation: 247.82 ft (75.54 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 22 gal
Time: 13:25
pH: 6.1
Alkalinity ($CaCO_3$): 7 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	9.1	mg/L	GE
0	Aluminum	51	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,700	µg/L	GE
0	Chloride	930	µg/L	GE
0	Chromium	4.0	µg/L	GE
0	Cobalt	<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	Iodine	<100	µg/L	GE
0	Iron	27	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	180	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	460	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	6,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	31,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	13	µg/L	GE
0	Antimony-125	<1.8E-08	µCi/mL	IT
0	Cerium-141	<6.4E-09	µCi/mL	IT
0	Cerium-144	<2.8E-08	µCi/mL	IT
0	Cesium-134	<8.8E-09	µCi/mL	IT
0	Cesium-137	<7.6E-09	µCi/mL	IT
0	Cobalt-58	<7.7E-09	µCi/mL	IT
0	Cobalt-60	<9.7E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<7.3E-09	µCi/mL	IT
0	Niobium-95	<7.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Radium-226	2.2E-08 ± 3.0E-09	µCi/mL	IT
0	Radium-228	<3.0E-08	µCi/mL	IT
0	Ruthenium-103	<6.4E-09	µCi/mL	IT
0	Ruthenium-106	<5.9E-08	µCi/mL	IT
0	Sodium-22	<8.2E-09	µCi/mL	IT
2	Thorium-232	1.6E-08 ± 2.0E-09	µCi/mL	IT
0	Total radium	2.0E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	4.4E-06 ± 4.0E-07	µCi/mL	GE
0	Uranium-235	<2.8E-08	µCi/mL	IT
2	Uranium-238	4.3E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<1.9E-08	µCi/mL	IT
0	Zirconium-95	<1.6E-08	µCi/mL	IT

WELL IDB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91
Depth to water: 76.56 ft (23.34 m) below TOC
Water elevation: 245.34 ft (74.78 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.
Time: 14:00
pH: 6.5
Alkalinity ($CaCO_3$): 16 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	9.1	mg/L	GE
0	Aluminum	38	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Chloride	1,960	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	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	45	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	200	µg/L	GE
0	Manganese	23	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	8.6	µg/L	GE
0	Nitrate as nitrogen	60	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	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	4,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	68	µg/L	GE
0	Antimony-125	<2.2E-08	µCi/mL	IT
0	Cerium-141	<1.2E-08	µCi/mL	IT
0	Cerium-144	<5.3E-08	µCi/mL	IT
0	Cesium-134	<9.7E-09	µCi/mL	IT
0	Cesium-137	<9.2E-09	µCi/mL	IT
0	Cobalt-58	<8.9E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<8.0E-09	µCi/mL	IT
0	Niobium-95	<9.6E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<1.6E-08	µCi/mL	IT
0	Radium-228	<3.6E-08	µCi/mL	IT
0	Ruthenium-103	<8.9E-09	µCi/mL	IT
0	Ruthenium-106	<7.6E-08	µCi/mL	IT
0	Sodium-22	<7.9E-09	µCi/mL	IT
0	Thorium-232	<1.4E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.4E-06 ± 3.0E-07	µCi/mL	GE
0	Uranium-235	<1.0E-08	µCi/mL	IT
0	Uranium-238	<1.3E-07	µCi/mL	IT
0	Zinc-65	<2.2E-08	µCi/mL	IT
0	Zirconium-95	<2.0E-08	µCi/mL	IT

WELL IDB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 — Time: 15:10
Depth to water: 64.13 ft (19.55 m) below TOC — pH: 5.5
Water elevation: 254.87 ft (77.69 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 13 µS/cm — Water temperature: 18.1°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.2	mg/L	GE
0	Aluminum	53	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	520	µg/L	GE
0	Chloride	1,160	µg/L	GE
0	Chromium	4.1	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.5	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	Iodine	<100	µg/L	GE
0	Iron	33	µg/L	GE
0	Lead	3.4	µg/L	GE
0	Magnesium	240	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	830	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	6,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	23,000	µg/L	GE
0	Total inorganic 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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	19	µg/L	GE
0	Antimony-125	<1.9E-08	µCi/mL	IT
0	Cerium-141	<7.3E-09	µCi/mL	IT
0	Cerium-144	<3.3E-08	µCi/mL	IT
0	Cesium-134	<1.0E-08	µCi/mL	IT
0	Cesium-137	<8.8E-09	µCi/mL	IT
0	Cobalt-58	<9.2E-09	µCi/mL	IT
0	Cobalt-60	<1.2E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<9.5E-09	µCi/mL	IT
0	Niobium-95	<8.8E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<1.6E-08	µCi/mL	IT
0	Radium-228	<3.6E-08	µCi/mL	IT
0	Ruthenium-103	<7.8E-09	µCi/mL	IT
0	Ruthenium-106	<6.8E-08	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
1	Thorium-232	9.9E-09 ± 3.4E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.4E-06 ± 3.0E-07	µCi/mL	GE
0	Uranium-235	<3.4E-08	µCi/mL	IT
2	Uranium-238	4.5E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<2.0E-08	µCi/mL	IT
0	Zirconium-95	<1.9E-08	µCi/mL	IT

WELL IDB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 — Time: 15:55
Depth to water: 55.51 ft (16.92 m) below TOC — pH: 4.6
Water elevation: 257.89 ft (78.61 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE
0	Aluminum	110	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	100	µg/L	GE
0	Chloride	4,700	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	8.3	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	Iodine	<100	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	4.3	µg/L	GE
0	Magnesium	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
0	Nitrate as nitrogen	930	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	5,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,700	µg/L	GE
0	Sulfate	1,750	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	12	µg/L	GE
0	Antimony-125	<2.2E-08	µCi/mL	IT
0	Cerium-141	<1.3E-08	µCi/mL	IT
0	Cerium-144	<6.2E-08	µCi/mL	IT
0	Cesium-134	<1.2E-08	µCi/mL	IT
0	Cesium-137	<9.6E-09	µCi/mL	IT
0	Cobalt-58	<8.3E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<1.0E-08	µCi/mL	IT
0	Niobium-95	<9.1E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<1.8E-08	µCi/mL	IT
0	Radium-228	<4.3E-08	µCi/mL	IT
0	Ruthenium-103	<9.5E-09	µCi/mL	IT
0	Ruthenium-106	<8.0E-08	µCi/mL	IT
0	Sodium-22	<1.3E-08	µCi/mL	IT
0	Thorium-232	<1.4E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.9E-06 ± 4.0E-07	µCi/mL	GE
0	Uranium-235	<1.2E-08	µCi/mL	IT
0	Uranium-238	<1.5E-07	µCi/mL	IT
0	Zinc-65	<2.6E-08	µCi/mL	IT
0	Zirconium-95	<2.2E-08	µCi/mL	IT

ANALYTICAL RESULTS

WELL IDB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 16:55
Depth to water: 54.03 ft (16.47 m) below TOC pH: 5.1
Water elevation: 239.07 ft (72.87 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 13 µS/cm Water temperature: 19.6°C
Water evacuated before sampling: 26 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.2	mg/L	GE
0	Aluminum	53	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	240	µg/L	GE
0	Chloride	1,020	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	6.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	21	µg/L	GE
0	Lead	5.8	µg/L	GE
0	Magnesium	450	µg/L	GE
0	Manganese	7.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	870	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,400	µg/L	GE
0	Sulfate	1,310	µg/L	GE
0	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
0	Total inorganic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1.000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	18	µg/L	GE
0	Antimony-125	<1.3E-08	µCi/mL	IT
0	Cerium-141	<5.3E-09	µCi/mL	IT
0	Cerium-144	<2.3E-08	µCi/mL	IT
0	Cesium-134	<7.4E-09	µCi/mL	IT
0	Cesium-137	<6.3E-09	µCi/mL	IT
0	Cobalt-58	<6.2E-09	µCi/mL	IT
0	Cobalt-60	<9.0E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<6.3E-09	µCi/mL	IT
0	Niobium-95	<6.7E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
2	Radium-226	2.6E-08 ± 3.0E-09	µCi/mL	IT
0	Radium-228	<2.6E-08	µCi/mL	IT
0	Ruthenium-103	<5.2E-09	µCi/mL	IT
0	Ruthenium-106	<5.0E-08	µCi/mL	IT
0	Sodium-22	<7.3E-09	µCi/mL	IT
2	Thorium-232	1.6E-08 ± 2.0E-09	µCi/mL	IT
0	Total radium	1.1E-09 ± 2.3E-09	µCi/mL	GE
0	Tritium	3.5E-06 ± 3.0E-07	µCi/mL	GE
0	Uranium-235	<2.5E-08	µCi/mL	IT
2	Uranium-238	4.2E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<1.5E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL IDB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91 Time: 15:40
Depth to water: 50.44 ft (15.37 m) below TOC pH: 7.8
Water elevation: 237.86 ft (72.50 m) msl Alkalinity ($CaCO_3$): 45 mg/L
Sp. conductance: 136 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.7	pH	GE
0	Specific conductance	129	µS/cm	GE
2	Alkalinity (as $CaCO_3$)	58	mg/L	GE
0	Aluminum	87	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	14,000	µg/L	GE
0	Chloride	1,920	µg/L	GE
0	Chromium	5.0	µg/L	GE
0	Cobalt	<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	Iodine	<100	µg/L	GE
0	Iron	23	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	600	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	90	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	72,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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	Uranium	<1.000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	8.9	µg/L	GE
0	Antimony-125	<6.6E-08	µCi/mL	IT
0	Cerium-141	<1.2E-08	µCi/mL	IT
0	Cerium-144	<5.8E-07	µCi/mL	IT
0	Cesium-134	<4.7E-08	µCi/mL	IT
0	Cesium-137	<8.5E-09	µCi/mL	IT
0	Cobalt-58	<8.0E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<8.1E-09	µCi/mL	IT
0	Niobium-95	<9.7E-09	µCi/mL	IT
0	Nonvolatile beta	3.8E-09 ± 2.7E-09	µCi/mL	GE
0	Radium-226	<3.4E-08	µCi/mL	IT
0	Radium-228	<1.6E-07	µCi/mL	IT
0	Ruthenium-103	<8.1E-09	µCi/mL	IT
0	Ruthenium-106	<7.8E-08	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
0	Thorium-232	<1.4E-08	µCi/mL	IT
0	Total activity	2.0E-06 ± 1.1E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium-235	<5.6E-08	µCi/mL	IT
0	Uranium-238	<4.0E-07	µCi/mL	IT
0	Zinc-65	<1.9E-08	µCi/mL	IT
0	Zirconium-95	<1.9E-08	µCi/mL	IT

WELL IDB 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91 Time: 13:50
Depth to water: 43.09 ft (13.13 m) below TOC pH: 5.8
Water elevation: 252.71 ft (77.03 m) msl Alkalinity ($CaCO_3$): 29 mg/L
Sp. conductance: 35 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 121 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	8.6	mg/L	GE
0	Aluminum	22	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	15,000	µg/L	GE
0	Chloride	1,520	µg/L	GE
0	Chromium	4.2	µg/L	GE
0	Cobalt	<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	Iodine	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	2,200	µg/L	GE
1	Manganese	42	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	960	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
0	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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	Uranium	<1.000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	15	µg/L	GE
0	Antimony-125	<5.5E-08	µCi/mL	IT
0	Cerium-141	<6.3E-09	µCi/mL	IT
0	Cerium-144	<1.7E-07	µCi/mL	IT
0	Cesium-134	<3.7E-08	µCi/mL	IT
0	Cesium-137	<8.2E-09	µCi/mL	IT
0	Cobalt-58	<8.5E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<7.5E-09	µCi/mL	IT
0	Niobium-95	<7.0E-09	µCi/mL	IT
0	Nonvolatile beta	4.9E-09 ± 2.9E-09	µCi/mL	GE
0	Radium-226	<2.2E-08	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<6.3E-09	µCi/mL	IT
0	Ruthenium-106	<5.9E-08	µCi/mL	IT
0	Sodium-22	<1.0E-08	µCi/mL	IT
2	Thorium-232	1.6E-08 ± 3.0E-09	µCi/mL	IT
0	Total activity	5.6E-06 ± 1.1E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.1E-06 ± 3.0E-07	µCi/mL	GE
0	Uranium-235	<2.8E-08	µCi/mL	IT
2	Uranium-238	4.2E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<2.0E-08	µCi/mL	IT
0	Zirconium-95	<1.6E-08	µCi/mL	IT

WELL IDP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 Time: 14:40
Depth to water: 81.46 ft (24.83 m) below TOC pH: 5.5
Water elevation: 199.54 ft (60.82 m) msl Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 41 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.7	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	36	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.2	mg/L	GE
0	Alkalinity (as $CaCO_3$)	3.2	mg/L	GE
0	Aluminum	36	µg/L	GE
0	Aluminum	36	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Barium	13	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,000	µg/L	GE
0	Calcium	3,000	µg/L	GE
0	Chloride	1,680	µg/L	GE
0	Chloride	1,780	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	4.9	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.5	µg/L	GE
0	Copper	7.3	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	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	53	µg/L	GE
0	Iron	50	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	860	µg/L	GE
0	Magnesium	860	µg/L	GE
0	Manganese	11	µg/L	GE
0	Manganese	11	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	3,340	µg/L	GE
0	Nitrate as nitrogen	3,280	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,100	µg/L	GE
0	Silica	7,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,000	µg/L	GE
0	Sodium	3,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	44,000	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.0	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)	110	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	Uranium	<1.000	µg/L	GE
0	Uranium	<1.000	µg/L	GE

ANALYTICAL RESULTS

WELL IDP 1 collected on 03/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	9.5	µg/L	GE
0	Zinc	15	µg/L	GE
0	Antimony-125	<3.5E-08	µCi/mL	IT
0	Cerium-141	<4.0E-09	µCi/mL	IT
0	Cerium-144	<1.1E-07	µCi/mL	IT
0	Cesium-134	<2.5E-08	µCi/mL	IT
0	Cesium-137	<5.3E-09	µCi/mL	IT
0	Cobalt-58	<5.4E-09	µCi/mL	IT
0	Cobalt-60	<7.2E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<5.2E-09	µCi/mL	IT
0	Niobium-95	<4.9E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09±3.4E-09	µCi/mL	GE
0	Radium-226	<1.3E-08	µCi/mL	IT
0	Radium-228	<7.8E-08	µCi/mL	IT
0	Ruthenium-103	<4.3E-09	µCi/mL	IT
0	Ruthenium-106	<4.1E-08	µCi/mL	IT
0	Sodium-22	<6.9E-09	µCi/mL	IT
2	Thorium-232	1.4E-08±2.0E-09	µCi/mL	IT
0	Total radium	1.3E-09±3.3E-09	µCi/mL	GE
0	Tritium	4.5E-06±4.0E-07	µCi/mL	GE
0	Tritium	4.4E-06±4.0E-07	µCi/mL	GE
0	Uranium-235	<1.8E-08	µCi/mL	IT
2	Uranium-238	4.4E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.1E-08	µCi/mL	IT

WELL IDP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91
Depth to water: 65.07 ft (19.83 m) below TOC
Water elevation: 192.83 ft (58.78 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 46 gal

Time: 15:30
pH: 5.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	2.7	mg/L	GE
0	Aluminum	35	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	850	µg/L	GE
0	Chloride	1,610	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	5.8	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	54	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	510	µg/L	GE
0	Manganese	6.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	820	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	6,300	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	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	17,000	µg/L	GE
0	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	11	µg/L	GE
0	Antimony-125	<3.4E-08	µCi/mL	IT
0	Cerium-141	<3.8E-09	µCi/mL	IT
0	Cerium-144	<1.1E-07	µCi/mL	IT
0	Cesium-134	<2.5E-08	µCi/mL	IT
0	Cesium-137	<5.1E-09	µCi/mL	IT
0	Cobalt-58	<5.1E-09	µCi/mL	IT
0	Cobalt-60	<6.3E-09	µCi/mL	IT

WELL IDP 2 collected on 03/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<5.3E-09	µCi/mL	IT
0	Niobium-95	<4.6E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<1.4E-08	µCi/mL	IT
0	Radium-228	<7.5E-08	µCi/mL	IT
0	Ruthenium-103	<4.1E-09	µCi/mL	IT
0	Ruthenium-106	<3.9E-08	µCi/mL	IT
0	Sodium-22	<6.1E-09	µCi/mL	IT
2	Thorium-232	1.4E-08±2.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.6E-06±4.0E-07	µCi/mL	GE
0	Uranium-235	<1.8E-08	µCi/mL	IT
2	Uranium-238	4.4E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<1.2E-08	µCi/mL	IT
0	Zirconium-95	<1.1E-08	µCi/mL	IT

WELL IDP 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91
Depth to water: 117.28 ft (35.75 m) below TOC
Water elevation: 166.72 ft (50.82 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 885 gal

Time: 18:25
pH: 6.1
Alkalinity ($CaCO_3$) 3 mg/L
Water temperature 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.4	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,900	µg/L	GE
0	Chloride	2,000	µg/L	GE
0	Chromium	5.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.2	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	Iodine	<100	µg/L	GE
2	Iron	780	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	380	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	Nitrite as nitrogen	<10	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	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	11,300	µg/L	GE
1	Total carbon	6,000	µg/L	GE
0	Total dissolved solids	20,000	µg/L	GE
1	Total inorganic carbon	6,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	60	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	13	µg/L	GE
0	Antimony-125	<4.6E-08	µCi/mL	IT
0	Cerium-141	<8.7E-09	µCi/mL	IT
0	Cerium-144	<4.1E-07	µCi/mL	IT
0	Cesium-134	<3.3E-08	µCi/mL	IT
0	Cesium-137	<5.8E-09	µCi/mL	IT
0	Cobalt-58	<6.4E-09	µCi/mL	IT
0	Cobalt-60	<7.4E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<6.0E-09	µCi/mL	IT
0	Niobium-95	<6.3E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<2.4E-08	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<6.2E-09	µCi/mL	IT
0	Ruthenium-106	<5.3E-08	µCi/mL	IT
0	Sodium-22	<8.0E-09	µCi/mL	IT
0	Thorium-232	<9.4E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium-235	<4.0E-08	µCi/mL	IT
0	Uranium-238	<3.0E-07	µCi/mL	IT

WELL IDP 3A collected on 03/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Zinc-65	<1.5E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL IDP 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91
Depth to water: 128.40 ft (39.14 m) below TOC
Water elevation: 158.10 ft (47.58 m) msl
Sp. conductance: 169 µS/cm
Water evacuated before sampling: 198 gal
Time: 17:45
pH: 10.9
Alkalinity ($CaCO_3$): 71 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
0	Specific conductance	154	µS/cm	GE
2	Alkalinity (as $CaCO_3$)	78	mg/L	GE
2	Aluminum	310	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	3.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	24,000	µg/L	GE
0	Chloride	1,610	µg/L	GE
0	Chromium	7.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.4	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	Iodine	<100	µg/L	GE
0	Iron	48	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	89	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	340	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	4,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,300	µg/L	GE
0	Sulfate	3,420	µg/L	GE
0	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
0	Total inorganic carbon	3,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	110	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.8	µg/L	GE
0	Antimony-125	<4.8E-08	µCi/mL	IT
0	Cerium-141	<9.1E-09	µCi/mL	IT
0	Cerium-144	<4.2E-07	µCi/mL	IT
0	Cesium-134	<3.4E-08	µCi/mL	IT
0	Cesium-137	<7.0E-08	µCi/mL	IT
0	Cobalt-58	<6.4E-09	µCi/mL	IT
0	Cobalt-60	<7.6E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<7.0E-09	µCi/mL	IT
0	Niobium-95	<6.5E-09	µCi/mL	IT
0	Nonvolatile beta	3.6E-09 ± 2.6E-09	µCi/mL	GE
0	Radium-226	<2.6E-08	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<6.5E-09	µCi/mL	IT
0	Ruthenium-106	<5.4E-08	µCi/mL	IT
0	Sodium-22	<8.6E-09	µCi/mL	IT
0	Thorium-232	<9.8E-09	µCi/mL	IT
0	Total radium	1.2E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium-235	<4.2E-08	µCi/mL	IT
0	Uranium-238	<3.1E-07	µCi/mL	IT
0	Zinc-65	<1.7E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL IDP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91
Depth to water: 86.35 ft (26.32 m) below TOC
Water elevation: 198.65 ft (60.55 m) msl
Sp. conductance: 259 µS/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.
Time: 12:25
pH: 11.7
Alkalinity ($CaCO_3$): 76 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.7	pH	GE
1	pH	8.7	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Specific conductance	120	µS/cm	GE
2	Alkalinity (as $CaCO_3$)	56	mg/L	GE
2	Alkalinity (as $CaCO_3$)	56	mg/L	GE
0	Aluminum	40	µg/L	GE
0	Aluminum	40	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	52	µg/L	GE
0	Barium	50	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,600	µg/L	GE
0	Calcium	5,500	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	Chromium	8.3	µg/L	GE
0	Chromium	7.9	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	6.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	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	55	µg/L	GE
0	Iron	57	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	210	µg/L	GE
0	Magnesium	210	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	610	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	Phenols	<5.0	µg/L	GE
2	Potassium	19,000	µg/L	GE
2	Potassium	18,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,300	µg/L	GE
0	Sodium	9,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	1,000	µg/L	GE
0	Total carbon	1,000	µg/L	GE
0	Total dissolved solids	66,000	µg/L	GE
0	Total dissolved solids	67,000	µg/L	GE
0	Total inorganic carbon	1,000	µg/L	GE
0	Total inorganic carbon	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE

ANALYTICAL RESULTS

WELL IDP 3C collected on 03/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.3	µg/L	GE
0	Zinc	9.0	µg/L	GE
0	Antimony-125	<3.6E-08	µCi/mL	IT
0	Cerium-141	<3.9E-09	µCi/mL	IT
0	Cerium-144	<1.1E-07	µCi/mL	IT
0	Cesium-134	<2.5E-08	µCi/mL	IT
0	Cesium-137	<5.4E-09	µCi/mL	IT
0	Cobalt-58	<5.3E-09	µCi/mL	IT
0	Cobalt-60	<6.9E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<5.0E-09	µCi/mL	IT
0	Niobium-95	<4.9E-09	µCi/mL	IT
0	Nonvolatile beta	5.1E-09±3.7E-09	µCi/mL	GE
0	Nonvolatile beta	7.4E-09±3.9E-09	µCi/mL	GE
0	Radium-226	<1.4E-08	µCi/mL	IT
0	Radium-228	<7.9E-08	µCi/mL	IT
0	Ruthenium-103	<4.2E-09	µCi/mL	IT
0	Ruthenium-106	<4.0E-08	µCi/mL	IT
0	Sodium-22	<6.3E-09	µCi/mL	IT
2	Thorium-232	1.1E-08±2.0E-09	µCi/mL	IT
1	Total radium	3.6E-08±4.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium-235	<1.8E-08	µCi/mL	IT
2	Uranium-238	4.3E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<1.2E-08	µCi/mL	IT
0	Zirconium-95	<1.1E-08	µCi/mL	IT

WELL IDP 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 Time: 16:35
The well was dry.

WELL IDP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/10/91 Time: 10:05
Depth to water: 51.00 ft (15.54 m) below TOC pH: 6.4
Water elevation: 189.80 ft (57.85 m) msl Alkalinity ($CaCO_3$): 33 mg/L
Sp. conductance: 196 µS/cm Water temperature: 15.3°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

WELL IDP 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91 Time: 13:20
Depth to water: 58.59 ft (17.86 m) below TOC pH: 5.6
Water elevation: 195.11 ft (59.47 m) msl Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 37 µS/cm Water temperature: 17.4°C
Water evacuated before sampling: 23 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	4.8	mg/L	GE
0	Aluminum	24	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,300	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	5.4	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	Iodine	<100	µg/L	GE
0	Iron	43	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	810	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	2,050	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE

WELL IDP 5 collected on 03/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	8,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	18	µg/L	GE
0	Antimony-125	<4.7E-08	µCi/mL	IT
0	Cerium-141	<9.2E-09	µCi/mL	IT
0	Cerium-144	<4.4E-07	µCi/mL	IT
0	Cesium-134	<3.6E-08	µCi/mL	IT
0	Cesium-137	<6.6E-09	µCi/mL	IT
0	Cobalt-58	<8.7E-09	µCi/mL	IT
0	Cobalt-60	<8.0E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<8.1E-09	µCi/mL	IT
0	Niobium-95	<7.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<2.5E-08	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<6.6E-09	µCi/mL	IT
0	Ruthenium-106	<5.7E-08	µCi/mL	IT
0	Sodium-22	<6.7E-09	µCi/mL	IT
0	Thorium-232	<9.6E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.3E-06±4.0E-07	µCi/mL	GE
0	Uranium-235	<4.2E-08	µCi/mL	IT
0	Uranium-238	<3.2E-07	µCi/mL	IT
0	Zinc-65	<1.7E-08	µCi/mL	IT
0	Zirconium-95	<1.5E-08	µCi/mL	IT

WELL IDP 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91 Time: 14:20
Depth to water: 63.64 ft (19.40 m) below TOC pH: 5.6
Water elevation: 197.86 ft (60.31 m) msl Alkalinity ($CaCO_3$): 3 [illegible]
Sp. conductance: 47 µS/cm Water temperature: 18.[illegible]
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	45	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	5.4	mg/L	GE
0	Aluminum	29	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,500	µg/L	GE
0	Chloride	3,240	µg/L	GE
0	Chromium	4.1	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	13	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	Iodine	<100	µg/L	GE
0	Iron	51	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,000	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,950	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	620	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	42,000	µg/L	GE
0	Total inorganic carbon	3,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE

WELL IDP 6 collected on 03/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	38	µg/L	GE
0	Antimony-125	< 5.7E-08	µCi/mL	IT
0	Cerium-141	< 6.6E-09	µCi/mL	IT
0	Cerium-144	< 1.7E-07	µCi/mL	IT
0	Cesium-134	< 3.7E-08	µCi/mL	IT
0	Cesium-137	< 8.5E-09	µCi/mL	IT
0	Cobalt-58	< 8.4E-09	µCi/mL	IT
0	Cobalt-60	< 1.1E-08	µCi/mL	IT
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Manganese-54	< 9.3E-09	µCi/mL	IT
0	Niobium-95	< 7.5E-09	µCi/mL	IT
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Radium-226	< 2.2E-08	µCi/mL	IT
0	Radium-228	< 1.3E-07	µCi/mL	IT
0	Ruthenium-103	< 8.7E-09	µCi/mL	IT
0	Ruthenium-106	< 8.4E-08	µCi/mL	IT
0	Sodium-22	< 1.1E-08	µCi/mL	IT
2	Thorium-232	1.6E-08 ± 3.0E-09	µCi/mL	IT
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	3.1E-06 ± 3.0E-07	µCi/mL	GE
0	Uranium-235	< 3.0E-08	µCi/mL	IT
2	Uranium-238	4.4E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	< 2.0E-08	µCi/mL	IT
0	Zirconium-95	< 1.8E-08	µCi/mL	IT

WELL IDP 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91
Depth to water: 50.85 ft (15.50 m) below TOC
Water elevation: 197.65 ft (60.24 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 24 gal
Time: 15:05
pH: 6.6
Alkalinity ($CaCO_3$): 14 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	10	mg/L	GE
0	Aluminum	< 20	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	7,400	µg/L	GE
0	Chloride	1,350	µg/L	GE
0	Chromium	4.3	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	9.8	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	Iodine	< 100	µg/L	GE
0	Iron	53	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	920	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	1,490	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	6,900	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	23,000	µg/L	GE
0	Total inorganic carbon	3,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	93	µg/L	GE
0	Antimony-125	< 8.2E-08	µCi/mL	IT
0	Cerium-141	< 1.4E-08	µCi/mL	IT
0	Cerium-144	< 6.8E-07	µCi/mL	IT
0	Cesium-134	< 5.5E-08	µCi/mL	IT
0	Cesium-137	< 9.8E-09	µCi/mL	IT
0	Cobalt-58	< 8.5E-09	µCi/mL	IT
0	Cobalt-60	< 1.2E-08	µCi/mL	IT
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Manganese-54	< 1.2E-08	µCi/mL	IT
0	Niobium-95	< 1.1E-08	µCi/mL	IT
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE

WELL IDP 7 collected on 03/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Radium-226	< 4.0E-08	µCi/mL	IT
0	Radium-228	< 1.9E-07	µCi/mL	IT
0	Ruthenium-103	< 9.7E-09	µCi/mL	IT
0	Ruthenium-106	< 8.4E-08	µCi/mL	IT
0	Sodium-22	< 1.4E-08	µCi/mL	IT
0	Thorium-232	< 1.6E-08	µCi/mL	IT
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	3.5E-08 ± 3.0E-07	µCi/mL	GE
0	Uranium-235	< 6.7E-08	µCi/mL	IT
0	Uranium-238	< 5.0E-07	µCi/mL	IT
0	Zinc-65	< 3.1E-08	µCi/mL	IT
0	Zirconium-95	< 2.5E-08	µCi/mL	IT

WELL IDP 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91
Depth to water: 68.84 ft (20.98 m) below TOC
Water elevation: 195.56 ft (59.61 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 27 gal
Time: 16:00
pH: 5.7
Alkalinity ($CaCO_3$): 6 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.1	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	7.0	mg/L	GE
0	Aluminum	22	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Chloride	1,880	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	12	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	Iodine	< 100	µg/L	GE
0	Iron	61	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	470	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	500	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	7,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic 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	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	52	µg/L	GE
0	Antimony-125	< 4.9E-08	µCi/mL	IT
0	Cerium-141	< 5.8E-09	µCi/mL	IT
0	Cerium-144	< 1.6E-07	µCi/mL	IT
0	Cesium-134	< 3.6E-08	µCi/mL	IT
0	Cesium-137	< 7.4E-09	µCi/mL	IT
0	Cobalt-58	< 7.6E-09	µCi/mL	IT
0	Cobalt-60	< 7.5E-09	µCi/mL	IT
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Manganese-54	< 7.3E-09	µCi/mL	IT
0	Niobium-95	< 6.9E-09	µCi/mL	IT
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Radium-226	< 2.0E-08	µCi/mL	IT
0	Radium-228	< 1.1E-07	µCi/mL	IT
0	Ruthenium-103	< 6.5E-09	µCi/mL	IT
0	Ruthenium-106	< 6.0E-08	µCi/mL	IT
0	Sodium-22	< 9.6E-09	µCi/mL	IT
2	Thorium-232	1.5E-08 ± 2.0E-09	µCi/mL	IT
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	5.1E-08 ± 4.0E-07	µCi/mL	GE
0	Uranium-235	< 2.6E-08	µCi/mL	IT
2	Uranium-238	4.6E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	< 1.7E-08	µCi/mL	IT
0	Zirconium-95	< 1.5E-08	µCi/mL	IT

ANALYTICAL RESULTS

WELL IDP 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/05/91 — Time: 17:45
Depth to water: 72.02 ft (21.95 m) below TOC — pH: 6.3
Water elevation: 199.88 ft ((60.92 m) msl — Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	8.1	mg/L	GE
0	Aluminum	23	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,200	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	8.2	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	Iodine	<100	µg/L	GE
0	Iron	49	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Manganese	6.9	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	1,240	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	Selenium	<2.0	µg/L	GE
0	Silica	7,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	6,000	µg/L	GE
0	Total inorganic 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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	30	µg/L	GE
0	Antimony-125	<4.7E-08	µCi/mL	IT
0	Cerium-141	<5.4E-09	µCi/mL	IT
0	Cerium-144	<1.5E-07	µCi/mL	IT
0	Cesium-134	<3.5E-08	µCi/mL	IT
0	Cesium-137	<7.4E-09	µCi/mL	IT
0	Cobalt-58	<7.2E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<7.5E-09	µCi/mL	IT
0	Niobium-95	<6.7E-09	µCi/mL	IT
0	Nonvolatile beta	2.0E-09±2.6E-09	µCi/mL	GE
0	Radium-226	<1.8E-08	µCi/mL	IT
0	Radium-228	<1.0E-07	µCi/mL	IT
0	Ruthenium-103	<6.0E-09	µCi/mL	IT
0	Ruthenium-106	<5.6E-08	µCi/mL	IT
0	Sodium-22	<8.4E-09	µCi/mL	IT
2	Thorium-232	1.8E-08±2.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.2E-06±3.0E-07	µCi/mL	GE
0	Uranium-235	<2.4E-08	µCi/mL	IT
2	Uranium-238	4.7E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<1.7E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL IDP 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 — Time: 14:00
The well was dry.

WELL IDQ 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91 — Time: 10:00
The well was dry.

WELL IDQ 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 — Time: 9:35
Depth to water: Not available — pH: 4.9
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	Specific conductance	14	µS/cm	GE
0	Specific conductance	13	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	8.8	mg/L	GE
0	Alkalinity (as $CaCO_3$)	9.3	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	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	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	710	µg/L	GE
0	Calcium	690	µg/L	GE
0	Chloride	2,240	µg/L	GE
0	Chloride	2,220	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.5	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	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	36	µg/L	GE
0	Iron	31	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	240	µg/L	GE
0	Magnesium	240	µg/L	GE
0	Manganese	12	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	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	400	µg/L	GE
0	Nitrate as nitrogen	400	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,700	µg/L	GE
0	Silica	7,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	1,950	µg/L	GE
0	Sulfate	1,710	µg/L	GE
0	Total carbon	1,000	µg/L	GE
0	Total carbon	1,000	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total dissolved solids	27,000	µg/L	GE
0	Total inorganic carbon	1,000	µg/L	GE
0	Total inorganic carbon	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE

WELL IDQ 2 collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	9.0	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	Total phosphates (as P)	80	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	15	µg/L	GE
0	Zinc	12	µg/L	GE
0	Antimony-125	<7.1E-08	µCi/mL	IT
0	Cerium-141	<1.4E-08	µCi/mL	IT
0	Cerium-144	<6.1E-07	µCi/mL	IT
0	Cesium-134	<5.2E-08	µCi/mL	IT
0	Cesium-137	<9.9E-09	µCi/mL	IT
0	Cobalt-58	<1.0E-08	µCi/mL	IT
0	Cobalt-60	<1.3E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<9.0E-09	µCi/mL	IT
0	Niobium-95	<9.5E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.8E-09 ± 3.8E-09	µCi/mL	GE
0	Radium-226	<3.8E-08	µCi/mL	IT
0	Radium-228	<1.6E-07	µCi/mL	IT
0	Ruthenium-103	<8.9E-09	µCi/mL	IT
0	Ruthenium-106	<7.8E-08	µCi/mL	IT
0	Sodium-22	<1.3E-08	µCi/mL	IT
0	Thorium-232	<1.4E-08	µCi/mL	IT
1	Total radium	4.4E-09 ± 4.1E-09	µCi/mL	GE
0	Tritium	4.3E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	4.4E-06 ± 4.0E-07	µCi/mL	GE
0	Uranium-235	<6.2E-08	µCi/mL	IT
0	Uranium-238	<4.6E-07	µCi/mL	IT
0	Zinc-65	<2.3E-08	µCi/mL	IT
0	Zirconium-95	<2.1E-08	µCi/mL	IT

WELL IDQ 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91
Depth to water: 39.73 ft (12.11 m) below TOC
Water elevation: 165.57 ft (50.47 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 933 gal
Time: 11:50
pH: 5.7
Alkalinity ($CaCO_3$): 6 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	pH	6.0	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	35	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	7.5	mg/L	GE
0	Alkalinity (as $CaCO_3$)	7.5	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Barium	11	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,400	µg/L	GE
0	Calcium	4,300	µg/L	GE
0	Chloride	1,470	µg/L	GE
0	Chloride	1,570	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	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
2	Iron	1,600	µg/L	GE
2	Iron	1,600	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	390	µg/L	GE

WELL IDQ 3A collected on 03/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Magnesium	390	µg/L	GE
0	Manganese	15	µg/L	GE
0	Manganese	15	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	500	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	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sulfate	10,500	µg/L	GE
0	Sulfate	11,100	µg/L	GE
1	Total carbon	5,000	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	22,000	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	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)	70	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	10	µg/L	GE
0	Zinc	13	µg/L	GE
0	Antimony-125	<1.0E-07	µCi/mL	IT
0	Cerium-141	<1.4E-08	µCi/mL	IT
0	Cerium-144	<8.8E-07	µCi/mL	IT
0	Cesium-134	<7.2E-08	µCi/mL	IT
0	Cesium-137	<1.4E-08	µCi/mL	IT
0	Cobalt-58	<1.4E-08	µCi/mL	IT
0	Cobalt-60	<1.8E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<1.3E-08	µCi/mL	IT
0	Niobium-95	<1.5E-08	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<4.4E-08	µCi/mL	IT
0	Radium-228	<2.4E-07	µCi/mL	IT
0	Ruthenium-103	<1.1E-08	µCi/mL	IT
0	Ruthenium-106	<1.2E-07	µCi/mL	IT
0	Sodium-22	<2.0E-08	µCi/mL	IT
0	Thorium-232	<1.6E-08	µCi/mL	IT
1	Total radium	2.9E-09 ± 3.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium-235	<6.2E-08	µCi/mL	IT
0	Uranium-238	<2.5E-07	µCi/mL	IT
0	Zinc-65	<3.0E-08	µCi/mL	IT
0	Zirconium-95	<3.1E-08	µCi/mL	IT

WELL IDQ 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91
Depth to water: 67.26 ft (20.50 m) below TOC
Water elevation: 138.34 ft (42.17 m) msl
Sp. conductance: 98 µS/cm
Water evacuated before sampling: 79 gal
Time: 12:40
pH: 8.9
Alkalinity ($CaCO_3$): 36 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.9	pH	GE
0	Specific conductance	90	µS/cm	GE
2	Alkalinity (as $CaCO_3$)	40	mg/L	GE
0	Aluminum	110	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	37	µg/L	GE
0	Lindane	<0.0050	µg/L	GE

ANALYTICAL RESULTS

WELL IDQ 3B collected on 03/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	13,000	µg/L	GE
0	Chloride	1,770	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<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	Iodine	<100	µg/L	GE
0	Iron	44	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	420	µg/L	GE
2	Manganese	110	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	120	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	17,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,400	µg/L	GE
0	Sulfate	8,200	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	77,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	14	µg/L	GE
0	Antimony-125	<6.8E-08	µCi/mL	IT
0	Antimony-125	<7.7E-08	µCi/mL	IT
0	Cerium-141	<1.2E-08	µCi/mL	IT
0	Cerium-141	<1.3E-08	µCi/mL	IT
0	Cerium-144	<5.6E-07	µCi/mL	IT
0	Cerium-144	<6.5E-07	µCi/mL	IT
0	Cesium-134	<4.7E-08	µCi/mL	IT
0	Cesium-134	<5.8E-08	µCi/mL	IT
0	Cesium-137	<9.9E-09	µCi/mL	IT
0	Cesium-137	<1.0E-08	µCi/mL	IT
0	Cobalt-58	<8.6E-09	µCi/mL	IT
0	Cobalt-58	<1.1E-08	µCi/mL	IT
0	Cobalt-60	<1.2E-08	µCi/mL	IT
0	Cobalt-60	<1.4E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<9.2E-09	µCi/mL	IT
0	Manganese-54	<9.8E-09	µCi/mL	IT
0	Niobium-95	<9.9E-09	µCi/mL	IT
0	Niobium-95	<9.8E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<3.2E-08	µCi/mL	IT
0	Radium-226	<4.0E-08	µCi/mL	IT
0	Radium-228	<1.6E-07	µCi/mL	IT
0	Radium-228	<1.8E-07	µCi/mL	IT
0	Ruthenium-103	<8.5E-09	µCi/mL	IT
0	Ruthenium-103	<1.0E-08	µCi/mL	IT
0	Ruthenium-106	<8.3E-08	µCi/mL	IT
0	Ruthenium-106	<9.5E-08	µCi/mL	IT
0	Sodium-22	<9.4E-09	µCi/mL	IT
0	Sodium-22	<1.2E-08	µCi/mL	IT
0	Thorium-232	<1.2E-08	µCi/mL	IT
0	Thorium-232	<1.5E-08	µCi/mL	IT
0	Total radium	1.7E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	1.8E-06 ± 3.0E-07	µCi/mL	GE
0	Uranium-235	<5.8E-08	µCi/mL	IT
0	Uranium-235	<6.5E-08	µCi/mL	IT
0	Uranium-238	<4.3E-07	µCi/mL	IT
0	Uranium-238	<4.8E-07	µCi/mL	IT
0	Zinc-65	<2.4E-08	µCi/mL	IT
0	Zinc-65	<2.6E-08	µCi/mL	IT
0	Zirconium-95	<2.1E-08	µCi/mL	IT
0	Zirconium-95	<2.3E-08	µCi/mL	IT

WELL IDQ 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91 — Time: 13:35
Depth to water: 43.72 ft (13.33 m) below TOC — pH: 5.5
Water elevation: 162.78 ft (49.62 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 69 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.9	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	<1.0	mg/L	GE

WELL IDQ 3C collected on 03/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Aluminum	50	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Chloride	3,000	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	4.1	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	Iodine	<100	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	220	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	230	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	7,530	µg/L	GE
1	Total carbon	5,000	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
1	Total inorganic carbon	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	17	µg/L	GE
0	Antimony-125	<7.8E-08	µCi/mL	IT
0	Cerium-141	<1.3E-08	µCi/mL	IT
0	Cerium-144	<6.3E-07	µCi/mL	IT
0	Cesium-134	<5.4E-08	µCi/mL	IT
0	Cesium-137	<9.7E-09	µCi/mL	IT
0	Cobalt-58	<1.0E-08	µCi/mL	IT
0	Cobalt-60	<1.3E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<8.7E-09	µCi/mL	IT
0	Niobium-95	<9.1E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<3.9E-08	µCi/mL	IT
0	Radium-228	<1.6E-07	µCi/mL	IT
0	Ruthenium-103	<9.5E-09	µCi/mL	IT
0	Ruthenium-106	<7.8E-08	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
0	Thorium-232	<1.4E-08	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.1E-06 ± 3.0E-07	µCi/mL	GE
0	Uranium-235	<6.3E-08	µCi/mL	IT
0	Uranium-238	<4.5E-07	µCi/mL	IT
0	Zinc-65	<2.5E-08	µCi/mL	IT
0	Zirconium-95	<2.3E-08	µCi/mL	IT

WELL IDQ 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/91 — Time: 14:45
Depth to water: 69.67 ft (21.24 m) below TOC — pH: 8.9
Water elevation: 195.83 ft (59.69 m) msl — Alkalinity ($CaCO_3$): 28 mg/L
Sp. conductance: 62 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.5	pH	GE
0	Specific conductance	51	µS/cm	GE
1	Alkalinity (as $CaCO_3$)	29	mg/L	GE
2	Aluminum	430	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11,000	µg/L	GE
0	Chloride	2,170	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<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

WELL IDQ 4 collected on 03/06/91, laboratory analyses (continued)

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	140	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	60	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	2,140	µg/L	GE
0	Total carbon	3,000	µg/L	GE
0	Total dissolved solids	45,000	µg/L	GE
0	Total inorganic carbon	3,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
1	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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	7.5	µg/L	GE
0	Antimony-125	<5.5E-08	µCi/mL	IT
0	Cerium-141	<6.3E-09	µCi/mL	IT
0	Cerium-144	<1.7E-07	µCi/mL	IT
0	Cesium-134	<3.8E-08	µCi/mL	IT
0	Cesium-137	<8.4E-09	µCi/mL	IT
0	Cobalt-58	<8.3E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<7.5E-09	µCi/mL	IT
0	Niobium-95	<8.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-08	µCi/mL	GE
0	Radium-226	<2.0E-08	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<6.9E-09	µCi/mL	IT
0	Ruthenium-106	<6.2E-08	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
2	Thorium-232	1.4E-08±3.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.9E-06±4.0E-07	µCi/mL	GE
0	Uranium-235	<2.8E-08	µCi/mL	IT
2	Uranium-238	4.4E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<2.0E-08	µCi/mL	IT
0	Zirconium-95	<1.9E-08	µCi/mL	IT

WELL IDQ 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.

Time: 10:15
pH: 6.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	39	µS/cm	GE
1	Alkalinity (as $CaCO_3$)	20	mg/L	GE
0	Aluminum	31	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	920	µg/L	GE
0	Chloride	2,030	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	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	160	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	4.2	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	980	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL IDQ 5 collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silica	5,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,500	µg/L	GE
0	Sulfate	1,260	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
0	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic 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	Uranium	<1,000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	170	µg/L	GE
0	Antimony-125	<5.2E-08	µCi/mL	IT
0	Cerium-141	<6.1E-09	µCi/mL	IT
0	Cerium-144	<1.6E-07	µCi/mL	IT
0	Cesium-134	<3.6E-08	µCi/mL	IT
0	Cesium-137	<7.8E-09	µCi/mL	IT
0	Cobalt-58	<7.4E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<7.4E-09	µCi/mL	IT
0	Niobium-95	<8.9E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-228	<1.2E-07	µCi/mL	IT
0	Ruthenium-103	<6.9E-09	µCi/mL	IT
0	Ruthenium-106	<5.9E-08	µCi/mL	IT
0	Sodium-22	<9.1E-09	µCi/mL	IT
1	Thorium-232	8.4E-09±2.3E-09	µCi/mL	IT
0	Total activity	4.0E-06±1.3E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.5E-06±3.0E-07	µCi/mL	GE
0	Uranium-235	<2.7E-08	µCi/mL	IT
2	Uranium-238	4.1E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<1.9E-08	µCi/mL	IT
0	Zirconium-95	<1.8E-08	µCi/mL	IT

WELL IDQ 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91
Depth to water: 67.02 ft (20.43 m) below TOC
Water elevation: 191.08 ft (58.24 m) msl
Sp. conductance: 85 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 10:40
pH: 10.1
Alkalinity ($CaCO_3$): 34 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Specific conductance	105	µS/cm	GE
2	Alkalinity (as $CaCO_3$)	50	mg/L	GE
2	Aluminum	868	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	10,000	µg/L	GE
0	Chloride	1,120	µg/L	GE
0	Chromium	7.8	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	7.0	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	Iodine	<100	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	38	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	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,000	µg/L	GE
0	Sulfate	3,250	µg/L	GE
0	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	66,000	µg/L	GE
0	Total inorganic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1,000	µg/L	GE

ANALYTICAL RESULTS

WELL IDQ 6 collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Vanadium	13	µg/L	GE
0	Zinc	8.5	µg/L	GE
0	Antimony-125	<7.8E-08	µCi/mL	IT
0	Cerium-141	<1.4E-08	µCi/mL	IT
0	Cerium-144	<7.4E-07	µCi/mL	IT
0	Cesium-134	<5.5E-08	µCi/mL	IT
0	Cesium-137	<1.0E-08	µCi/mL	IT
0	Cobalt-58	<1.1E-08	µCi/mL	IT
0	Cobalt-60	<1.4E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<1.0E-08	µCi/mL	IT
0	Niobium-95	<1.1E-08	µCi/mL	IT
0	Nonvolatile beta	2.8E-09	µCi/mL	GE
2	Radium-226	1.0E-07 ± 1.0E-08	µCi/mL	IT
0	Radium-228	<1.7E-07	µCi/mL	IT
0	Ruthenium-103	<9.9E-09	µCi/mL	IT
0	Ruthenium-106	<8.6E-08	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
2	Thorium-232	3.1E-08 ± 5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.9E-06 ± 3.0E-07	µCi/mL	GE
0	Uranium-235	<6.3E-08	µCi/mL	IT
0	Uranium-238	<4.9E-07	µCi/mL	IT
0	Zinc-65	<3.2E-08	µCi/mL	IT
0	Zirconium-95	<2.6E-08	µCi/mL	IT

WELL IDQ 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 Time: 11:15
Depth to water: 57.33 ft (17.47 m) below TOC pH: 7.7
Water elevation: 183.27 ft (55.86 m) msl Alkalinity ($CaCO_3$): 88 mg/L
Sp. conductance: 166 µS/cm Water temperature: 17.1°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	Specific conductance	175	µS/cm	GE
2	Alkalinity (as $CaCO_3$)	100	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	54	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	24,000	µg/L	GE
0	Chloride	1,520	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	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	130	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	25	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,900	µg/L	GE
0	Manganese	2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	40	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,200	µg/L	GE
0	Sulfate	1,700	µg/L	GE
2	Total carbon	15,000	µg/L	GE
0	Total dissolved solids	126,000	µg/L	GE
2	Total inorganic carbon	15,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1.000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	30	µg/L	GE
0	Antimony-125	<5.0E-08	µCi/mL	IT
0	Cerium-141	<5.8E-09	µCi/mL	IT
0	Cerium-144	<1.6E-07	µCi/mL	IT
0	Cesium-134	<3.8E-08	µCi/mL	IT
0	Cesium-137	<8.0E-09	µCi/mL	IT
0	Cobalt-58	<8.8E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Manganese-54	<8.2E-09	µCi/mL	IT
0	Niobium-95	<7.5E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Radium-226	<2.0E-08	µCi/mL	IT

WELL IDQ 7 collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<7.0E-09	µCi/mL	IT
0	Ruthenium-106	<6.4E-08	µCi/mL	IT
0	Sodium-22	<1.0E-08	µCi/mL	IT
0	Thorium-232	<8.5E-09	µCi/mL	IT
0	Total radium	1.5E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	9.5E-07 ± 2.0E-07	µCi/mL	GE
0	Uranium-235	<2.8E-08	µCi/mL	IT
2	Uranium-238	4.2E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	<1.9E-08	µCi/mL	IT
0	Zirconium-95	<1.7E-08	µCi/mL	IT

WELL IDQ 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91 Time: 16:00
The well was dry.

WELL IDQ 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/06/91 Time: 16:15
The well was dry.

WELL IDQ 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 Time: 11:55
Depth to water: 66.35 ft (20.22 m) below TOC pH: 7.4
Water elevation: 170.15 ft (51.86 m) msl Alkalinity ($CaCO_3$): 20 mg/L
Sp. conductance: 47 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	6.7	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	16	mg/L	GE
0	Aluminum	<20	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chloride	1,320	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iodine	<100	µg/L	GE
0	Iron	28	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	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	820	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	8,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	1,290	µg/L	GE
0	Total carbon	4,000	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
0	Total inorganic carbon	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Uranium	<1.000	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Zinc	5.8	µg/L	GE
0	Antimony-125	<5.5E-08	µCi/mL	IT
0	Cerium-141	<6.7E-09	µCi/mL	IT
0	Cerium-144	<1.7E-07	µCi/mL	IT
0	Cesium-134	<4.2E-08	µCi/mL	IT
0	Cesium-137	<8.0E-09	µCi/mL	IT
0	Cobalt-58	<8.2E-09	µCi/mL	IT

WELL IDQ 10 collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cobalt-60	< 1.2E-08	µCi/mL	IT
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Manganese-54	< 8.4E-09	µCi/mL	IT
0	Niobium-95	< 8.4E-09	µCi/mL	IT
0	Nonvolatile beta	2.5E-09 ± 2.7E-09	µCi/mL	GE
0	Radium-226	< 2.3E-08	µCi/mL	IT
0	Radium-228	< 1.3E-07	µCi/mL	IT
0	Ruthenium-103	< 6.7E-09	µCi/mL	IT
0	Ruthenium-106	< 6.7E-08	µCi/mL	IT
0	Sodium-22	< 1.0E-08	µCi/mL	IT
0	Thorium-232	< 9.3E-09	µCi/mL	IT
0	Total activity	5.1E-08 ± 1.4E-08	µCi/mL	EM
0	Total radium	1.9E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	5.2E-08 ± 4.0E-07	µCi/mL	GE
0	Uranium-235	< 3.0E-08	µCi/mL	IT
2	Uranium-238	4.3E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	< 2.1E-08	µCi/mL	IT
0	Zirconium-95	< 1.8E-08	µCi/mL	IT

WELL IDQ 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91
Depth to water: 73.41 ft (22.38 m) below TOC
Water elevation: 135.39 ft (41.27 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.

Time: 17:25
pH: 5.2
Alkalinity ($CaCO_3$): 29 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	10	mg/L	GE
0	Aluminum	39	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	9.6	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,000	µg/L	GE
0	Chloride	3,110	µg/L	GE
0	Chromium	5.2	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	7.3	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	Endrin	< 0.0080	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	130	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	490	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	560	µg/L	GE
0	Nitrite as nitrogen	< 10	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	3,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
1	Total carbon	7,000	µg/L	GE
0	Total dissolved solids	37,000	µg/L	GE
1	Total inorganic carbon	7,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic 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	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	35	µg/L	GE
0	Antimony-125	< 7.4E-08	µCi/mL	IT
0	Cerium-141	< 1.4E-08	µCi/mL	IT
0	Cerium-144	< 6.3E-07	µCi/mL	IT
0	Cesium-134	< 5.0E-08	µCi/mL	IT
0	Cesium-137	< 1.0E-08	µCi/mL	IT
0	Cobalt-58	< 9.3E-09	µCi/mL	IT
0	Cobalt-60	< 1.2E-08	µCi/mL	IT
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Manganese-54	< 1.0E-08	µCi/mL	IT
0	Niobium-95	< 1.0E-08	µCi/mL	IT
0	Nonvolatile beta	2.0E-09 ± 2.6E-09	µCi/mL	GE
0	Radium-226	< 3.7E-08	µCi/mL	IT
0	Radium-228	< 1.7E-07	µCi/mL	IT
0	Ruthenium-103	< 9.1E-09	µCi/mL	IT
0	Ruthenium-106	< 8.0E-08	µCi/mL	IT
0	Sodium-22	< 1.0E-08	µCi/mL	IT
0	Thorium-232	< 1.4E-08	µCi/mL	IT
0	Total activity	3.3E-06 ± 1.4E-06	µCi/mL	EM
0	Total radium	< 1.0E-09	µCi/mL	GE

WELL IDQ 11 collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tritium	3.3E-08 ± 3.0E-07	µCi/mL	GE
0	Uranium-235	< 6.2E-08	µCi/mL	IT
0	Uranium-238	< 4.7E-07	µCi/mL	IT
0	Zinc-65	< 2.3E-08	µCi/mL	IT
0	Zirconium-95	< 2.3E-08	µCi/mL	IT

WELL IDQ 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91
Depth to water: 58.76 ft (17.91 m) below TOC
Water elevation: 183.44 ft (55.91 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 49 gal

Time: 12:05
pH: 5.1
Alkalinity ($CaCO_3$): 13 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Alkalinity (as $CaCO_3$)	3.6	mg/L	GE
0	Aluminum	26	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	6.4	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,000	µg/L	GE
0	Chloride	1,760	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	Cobalt	< 4.0	µg/L	GE
0	Copper	< 4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	Endrin	< 0.0080	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iodine	< 100	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	190	µg/L	GE
0	Manganese	4.1	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	90	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	7,200	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Total carbon	2,000	µg/L	GE
0	Total dissolved solids	19,000	µg/L	GE
0	Total inorganic 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)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	Uranium	< 1,000	µg/L	GE
0	Vanadium	< 10	µg/L	GE
0	Zinc	31	µg/L	GE
0	Antimony-125	< 4.2E-08	µCi/mL	IT
0	Cerium-141	< 5.0E-09	µCi/mL	IT
0	Cerium-144	< 1.3E-07	µCi/mL	IT
0	Cesium-134	< 2.9E-08	µCi/mL	IT
0	Cesium-137	< 6.1E-09	µCi/mL	IT
0	Cobalt-58	< 6.2E-09	µCi/mL	IT
0	Cobalt-60	< 7.6E-09	µCi/mL	IT
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Manganese-54	< 6.2E-09	µCi/mL	IT
0	Niobium-95	< 6.0E-09	µCi/mL	IT
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
2	Radium-226	2.5E-08 ± 3.0E-09	µCi/mL	IT
0	Radium-228	< 9.1E-08	µCi/mL	IT
0	Ruthenium-103	< 5.1E-09	µCi/mL	IT
0	Ruthenium-106	< 4.6E-08	µCi/mL	IT
0	Sodium-22	< 7.2E-09	µCi/mL	IT
0	Thorium-232	< 7.0E-09	µCi/mL	IT
0	Total activity	6.2E-06 ± 1.4E-06	µCi/mL	EM
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	3.5E-06 ± 3.0E-07	µCi/mL	GE
0	Uranium-235	< 2.3E-08	µCi/mL	IT
2	Uranium-238	4.5E-07 ± 5.0E-08	µCi/mL	IT
0	Zinc-65	< 1.6E-08	µCi/mL	IT
0	Zirconium-95	< 1.3E-08	µCi/mL	IT

ANALYTICAL RESULTS

WELL K 301P

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 — Time: 11:00
Depth to water: 57.95 ft (17.66 m) below TOC — pH: 6.8
Sp. conductance: 116 µS/cm — Water temperature: 22.1°C
Water evacuated before sampling: 6 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Antimony-125	<5.1E-08	µCi/mL	EM
0	Cerium-144	<1.3E-07	µCi/mL	EM
0	Cesium-134	<1.8E-08	µCi/mL	EM
0	Cesium-137	<2.1E-08	µCi/mL	EM
0	Chromium-51	<1.9E-08	µCi/mL	EM
0	Cobalt-60	<2.2E-08	µCi/mL	EM
0	Iodine-131	<1.8E-04	µCi/mL	EM
0	Niobium-95	<1.5E-07	µCi/mL	EM
0	Ruthenium-103	<9.7E-08	µCi/mL	EM
0	Ruthenium-106	<2.0E-07	µCi/mL	EM
2	Tritium	3.6E-05 ± 1.5E-06	µCi/mL	EM
0	Zirconium-95	<9.7E-08	µCi/mL	EM

WELL K 301P

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/91 — Time: 10:45
Depth to water: 57.73 ft (17.60 m) below TOC — pH: 6.9
Sp. conductance: 155 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 6 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.0E-10 ± 5.6E-10	µCi/mL	EM
0	Nonvolatile beta	8.2E-10 ± 8.4E-10	µCi/mL	EM
2	Tritium	2.8E-05 ± 1.2E-06	µCi/mL	EM

WELL KAB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91 — Time: 10:15
Depth to water: 61.28 ft (18.68 m) below TOC — pH: 6.0
Water elevation: 204.72 ft (62.40 m) msl — Alkalinity ($CaCO_3$): 32 mg/L
Sp. conductance: 242 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	8.2	pH	GE
0	Specific conductance	147	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	56	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	15,000	µg/L	GE
0	Chloride	10,300	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	8,100	µg/L	GE
0	Lead	4.0	µg/L	GE
1	Magnesium	3,900	µg/L	GE
2	Manganese	800	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	16,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,000	µg/L	GE
0	Sulfate	102,000	µg/L	GE
0	Total dissolved solids	156,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	2.4E-09 ± 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08 ± 3.6E-09	µCi/mL	GE
2	Total radium	6.0E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	8.6E-06 ± 5.0E-07	µCi/mL	GE

WELL KAB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 — Time: 13:45
Depth to water: 47.36 ft (14.44 m) below TOC — pH: 5.6
Water elevation: 213.34 ft (65.03 m) msl — Alkalinity ($CaCO_3$): 4 mg/L
Sp. conductance: 51 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 39 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,000	µg/L	GE
0	Chloride	7,410	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	61	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	450	µg/L	GE
0	Manganese	8.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,410	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,200	µg/L	GE
0	Sulfate	5,000	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.7E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	4.0E-06 ± 4.0E-07	µCi/mL	GE

WELL KAB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 — Time: 14:40
Depth to water: 46.98 ft (14.32 m) below TOC — pH: 5.6
Water elevation: 203.12 ft (61.91 m) msl — Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 123 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.7	pH	IT
0	Specific conductance	75	µS/cm	GE
0	Specific conductance	108	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	29	µg/L	GE
0	Barium	26	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	8,300	µg/L	GE
0	Calcium	7,530	µg/L	IT
0	Chloride	6,640	µg/L	GE
0	Chloride	6,630	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	120	µg/L	GE
0	Iron	93	µg/L	IT
0	Lead	5.0	µg/L	GE
0	Lead	6.9	µg/L	IT
0	Magnesium	2,800	µg/L	GE
0	Magnesium	2,390	µg/L	IT
0	Manganese	10	µg/L	GE
0	Manganese	8.8	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT

WELL KAB 3 collected on 02/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,820	µg/L	GE
0	Nitrate as nitrogen	1,500	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,300	µg/L	GE
0	Potassium	3,240	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	1,700	µg/L	GE
0	Silica	1,380	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	6,800	µg/L	GE
0	Sodium	5,880	µg/L	IT
0	Sulfate	18,800	µg/L	GE
0	Sulfate	20,300	µg/L	IT
0	Total dissolved solids	40,000	µg/L	GE
0	Total dissolved solids	58,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,400	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	6.4E-09±3.2E-09	µCi/mL	IT
0	Nonvolatile beta	6.1E-09±3.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.0E-09±3.0E-09	µCi/mL	IT
0	Total radium	1.2E-09±2.5E-09	µCi/mL	GE
1	Total radium	2.9E-09±5.0E-10	µCi/mL	IT
1	Tritium	1.1E-05±5.0E-07	µCi/mL	GE
0	Tritium	8.1E-08±9.0E-07	µCi/mL	IT

WELL KAB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91
Depth to water: 46.98 ft (14.32 m) below TOC
Water elevation: 203.12 ft (61.91 m) msl
Sp. conductance: 123 µS/cm
Water evacuated before sampling: 27 gal
Time: 14:40
pH: 5.6
Alkalinity ($CaCO_3$): 8 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.8	pH	IT
0	pH	5.8	pH	IT
0	Specific conductance	63	µS/cm	GE
0	Specific conductance	110	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	26	µg/L	GE
0	Barium	26	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	7,900	µg/L	GE
0	Calcium	7,420	µg/L	IT
0	Chloride	6,810	µg/L	GE
0	Chloride	6,380	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	120	µg/L	GE
0	Iron	91	µg/L	IT
0	Lead	3.0	µg/L	GE
0	Lead	3.8	µg/L	IT
0	Magnesium	2,600	µg/L	GE
0	Magnesium	2,320	µg/L	IT
0	Manganese	8.9	µg/L	GE
0	Manganese	8.4	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,600	µg/L	GE
0	Nitrate as nitrogen	1,510	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,200	µg/L	GE
0	Potassium	3,320	µg/L	IT
0	Selenium	<2.0	µg/L	GE

WELL KAB 3 collected on 02/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Selenium	<3.0	µg/L	IT
0	Silica	1,700	µg/L	GE
0	Silica	1,320	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	6,500	µg/L	GE
0	Sodium	5,770	µg/L	IT
0	Sulfate	19,100	µg/L	GE
0	Sulfate	20,300	µg/L	IT
0	Total dissolved solids	41,000	µg/L	GE
0	Total dissolved solids	26,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,460	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	6.6E-09±3.9E-09	µCi/mL	GE
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
1	Total radium	3.9E-09±3.1E-09	µCi/mL	GE
1	Total radium	3.2E-09±5.0E-10	µCi/mL	IT
1	Tritium	1.1E-05±5.0E-07	µCi/mL	GE
0	Tritium	8.1E-06±9.0E-07	µCi/mL	IT

WELL KAB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91
Depth to water: 52.38 ft (15.97 m) below TOC
Water elevation: 202.02 ft (61.58 m) msl
Sp. conductance: 584 µS/cm
Water evacuated before sampling: 39 gal
Time: 15:40
pH: 7.3
Alkalinity ($CaCO_3$): 206 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
1	Specific conductance	410	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	98	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	94,000	µg/L	GE
0	Chloride	16,700	µg/L	GE
0	Chromium	4.1	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	20	µg/L	GE
0	Lead	5.0	µg/L	GE
2	Magnesium	7,300	µg/L	GE
0	Manganese	3.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	350	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	14,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	1,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	19,000	µg/L	GE
0	Sulfate	103,000	µg/L	GE
1	Total dissolved solids	347,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08±1.0E-08	µCi/mL	GE
2	Total radium	9.6E-09±4.1E-09	µCi/mL	GE
0	Tritium	6.6E-06±4.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL KAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91 — Time: 11:30
Depth to water: 48.70 ft (14.84 m) below TOC — pH: 5.5
Water elevation: 217.30 ft (66.23 m) msl — Alkalinity ($CaCO_3$): 6 mg/L
Sp. conductance: 981 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	pH	6.1	pH	GE
2	Specific conductance	630	µS/cm	GE
2	Specific conductance	620	µS/cm	GE
0	Turbidity	4.8	NTU	GE
0	Turbidity	4.9	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.3	µg/L	GE
0	Barium	5.5	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Chloride	15,600	µg/L	GE
0	Chloride	15,900	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Fluoride	150	µg/L	GE
1	Iron	280	µg/L	GE
2	Iron	300	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	1,600	µg/L	GE
0	Magnesium	1,700	µg/L	GE
1	Manganese	31	µg/L	GE
1	Manganese	32	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	Nitrate as nitrogen	780	µg/L	GE
0	Nitrate as nitrogen	770	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,500	µg/L	GE
0	Silica	4,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	150,000	µg/L	GE
2	Sodium	150,000	µg/L	GE
1	Sulfate	362,000	µg/L	GE
2	Sulfate	544,000	µg/L	GE
1	Total dissolved solids	427,000	µg/L	GE
1	Total dissolved solids	422,000	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 organic halogens	11	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.0E-09±9.5E-09	µCi/mL	GE
0	Nonvolatile beta	8.7E-09±9.9E-09	µCi/mL	GE
1	Total radium	3.7E-09±3.9E-09	µCi/mL	GE
1	Total radium	4.8E-09±4.3E-09	µCi/mL	GE
0	Tritium	2.1E-06±3.0E-07	µCi/mL	GE
0	Tritium	1.9E-06±3.0E-07	µCi/mL	GE

WELL KAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91 — Time: 11:05
Depth to water: 38.94 ft (11.28 m) below TOC — pH: 6.1
Water elevation: 220.56 ft (67.23 m) msl — Alkalinity ($CaCO_3$): 43 mg/L
Sp. conductance: 182 µS/cm — Water temperature: 17.8°C
Water evacuated before sampling: 66 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	118	µS/cm	GE
0	Turbidity	19	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	480	µg/L	GE
0	Chloride	3,240	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	39	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	330	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	5,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	38,000	µg/L	GE
0	Sulfate	37,700	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	19	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.1E-09±3.2E-09	µCi/mL	GE
0	Tritium	5.3E-06±3.0E-07	µCi/mL	GE

WELL KAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91 — Time: 10:50
Depth to water: 37.13 ft (11.32 m) below TOC
Water elevation: 220.67 ft (67.26 m) msl
The well pumped dry before all field parameters were collected.

WELL KAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91 — Time: 12:10
Depth to water: 43.67 ft (13.31 m) below TOC — pH: 5.8
Water elevation: 216.33 ft (65.94 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 104 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 101 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	62	µS/cm	GE
0	Turbidity	4.5	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	460	µg/L	GE
0	Chloride	9,000	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
0	Iron	25	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	360	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	Nitrate as nitrogen	200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE

WELL KAC 4 collected on 01/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	8,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	18,000	µg/L	GE
0	Sulfate	24,100	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	7.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.9E-06 ± 3.0E-07	µCi/mL	GE

WELL KAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91
Depth to water: 38.52 ft (11.74 m) below TOC
Water elevation: 220.48 ft (67.20 m) msl
Sp. conductance: 72 µS/cm
Water evacuated before sampling: 42 gal
Time: 10:40
pH: 5.6
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	pH	5.6	pH	GE
0	pH	5.7	pH	GE
0	pH	5.7	pH	GE
0	Specific conductance	43	µS/cm	GE
0	Specific conductance	43	µS/cm	GE
0	Specific conductance	44	µS/cm	GE
0	Specific conductance	46	µS/cm	GE
0	Turbidity	1.0	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	280	µg/L	GE
0	Chloride	5,860	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	99	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	190	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	Nitrate as nitrogen	80	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sulfate	14,600	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL KAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91
Depth to water: 38.87 ft (11.79 m) below TOC
Water elevation: 220.33 ft (67.16 m) msl
Sp. conductance: 98 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 9:25
pH: 5.4
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	53	µS/cm	GE
1	Turbidity	32	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	430	µg/L	GE
0	Chloride	6,420	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	61	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	340	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	51	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,000	µg/L	GE
0	Sulfate	19,800	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL KAC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91
Depth to water: 47.72 ft (14.55 m) below TOC
Water elevation: 217.38 ft (66.26 m) msl
Sp. conductance: 1027 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging.
Time: 9:50
pH: 4.9
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 17.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
2	Specific conductance	710	µS/cm	GE
2	Turbidity	60	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,400	µg/L	GE
0	Chloride	15,500	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	650	µg/L	GE
2	Lead	76	µg/L	GE
0	Magnesium	1,800	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	1,350	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	3.0	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	160,000	µg/L	GE
2	Sulfate	435,000	µg/L	GE
2	Total dissolved solids	511,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL KAC 7 collected on 01/29/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	4.4E-09±9.5E-09	µCi/mL	GE
1	Total radium	2.7E-09±1.9E-09	µCi/mL	GE
0	Tritium	6.5E-06±3.0E-07	µCi/mL	GE

WELL KCB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 Time: 10:50
Depth to water: 56.02 ft (17.08 m) below TOC pH: 5.4
Water elevation: 204.38 ft (62.30 m) msl Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 124 µS/cm Water temperature: 18.4°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	IT
0	Specific conductance	120	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	8.7	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,900	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	8,950	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	J 2.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	25	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	34	µg/L	IT
0	Lead	12	µg/L	IT
0	Magnesium	570	µg/L	IT
0	Manganese	7.8	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	560	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	10,500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,770	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	7,410	µg/L	IT
0	Sulfate	30,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	64,000	µg/L	IT
0	Total dissolved solids	66,000	µg/L	IT
0	Total organic carbon	1,760	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	66	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	5.8E-09±2.3E-09	µCi/mL	IT
0	Nonvolatile beta	1.2E-08±4.0E-09	µCi/mL	IT
0	Total radium	1.1E-09±5.0E-10	µCi/mL	IT
0	Tritium	7.3E-06±8.0E-07	µCi/mL	IT

WELL KCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 Time: 11:20
Depth to water: 49.98 ft (15.24 m) below TOC
Water elevation: 204.41 ft (62.30 m) msl
The well pumped dry before all field parameters were collected

WELL KCB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 Time: 11:45
Depth to water: 44.89 ft (13.68 m) below TOC pH: 3.9
Water elevation: 203.01 ft (61.88 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 371 µS/cm Water temperature: 20.5°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.2	pH	IT
1	Specific conductance	399	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	40	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	2.1	µg/L	IT
1	Calcium	26,700	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,980	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	7.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	410	µg/L	IT
1	Iron	253	µg/L	IT
0	Lead	4.8	µg/L	IT
2	Magnesium	13,400	µg/L	IT
2	Manganese	1,580	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,050	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	3,000	µg/L	IT
0	Selenium	4.3	µg/L	IT
0	Silica	8,500	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,200	µg/L	IT
0	Sulfate	181,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
1	Total dissolved solids	248,000	µg/L	IT
1	Total organic carbon	5,100	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	15	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
2	Gross alpha	2.3E-08±4.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.4E-08±4.0E-09	µCi/mL	IT
2	Total radium	1.4E-08±2.0E-09	µCi/mL	IT
1	Tritium	1.1E-05±2.0E-06	µCi/mL	IT

WELL KCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 Time: 12:25
Depth to water: 51.57 ft (15.72 m) below TOC pH: 6.9
Water elevation: 204.03 ft (62.19 m) msl Alkalinity ($CaCO_3$): 106 mg/L
Sp. conductance: 297 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	IT
1	Specific conductance	331	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	1.9	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT

WELL KCB 4 collected on 02/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
2	Calcium	44,600	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	8,780	µg/L	IT
0	Chloride	8,570	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	3.4	µg/L	IT
0	Copper	<2.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	370	µg/L	IT
0	Fluoride	<1,250	µg/L	IT
0	Iron	35	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	2,200	µg/L	IT
0	Manganese	2.6	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	840	µg/L	IT
0	Phenols	<5.0	µg/L	IT
2	Potassium	8,140	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	201	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	9,410	µg/L	IT
0	Sulfate	50,000	µg/L	IT
0	Sulfate	48,600	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	168,000	µg/L	IT
0	Total organic carbon	3,470	µg/L	IT
0	Total organic carbon	2,860	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	9.4E-09 ± 4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
1	Tritium	1.1E-05 ± 2.0E-06	µCi/mL	IT

WELL KDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 — Time: 15:20
Depth to water: 64.93 ft (19.79 m) below TOC — pH: 4.9
Water elevation: 208.17 ft (63.45 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 104 µS/cm — Water temperature: 22.6°C
Water evacuated before sampling: 17 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	89	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	100	µg/L	GE
0	Lindane	<0.0050	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	1,590	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	59	µg/L	GE
1	Lead	39	µg/L	GE
0	Magnesium	2,200	µg/L	GE
2	Manganese	720	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL KDB 1 collected on 03/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	980	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	7,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,000	µg/L	GE
0	Sulfate	25,400	µg/L	GE
2	Tetrachloroethylene	5.0	µg/L	GE
0	Total dissolved solids	47,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	2.7E-09 ± 1.2E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08 ± 2.6E-09	µCi/mL	GE
0	Total activity	1.0E-03 ± 7.1E-06	µCi/mL	EM
2	Total radium	6.3E-09 ± 3.9E-09	µCi/mL	GE
2	Tritium	1.2E-03 ± 5.1E-06	µCi/mL	GE

WELL KDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 — Time: 15:00
Depth to water: 66.22 ft (20.18 m) below TOC — pH: 5.1
Water elevation: 207.28 ft (63.18 m) msl — Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 43 µS/cm — Water temperature: 23.1°C
Water evacuated before sampling: 65 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,560	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	40	µg/L	GE
0	Lead	16	µg/L	GE
0	Magnesium	620	µg/L	GE
2	Manganese	64	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,780	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	7,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,200	µg/L	GE
0	Sulfate	4,450	µg/L	GE
2	Tetrachloroethylene	11	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	25	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	11	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	8.8E-04 ± 6.6E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.1E-03 ± 4.8E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL KDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 — Time: 15:35
Depth to water: 65.32 ft (19.91 m) below TOC — pH: 6.1
Water elevation: 208.08 ft (63.42 m) msl — Alkalinity ($CaCO_3$): 100 mg/L
Sp. conductance: 246 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 18 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	215	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	20	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	32,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,840	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	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	120	µg/L	GE
0	Lead	8.8	µg/L	GE
0	Magnesium	2,400	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	290	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	1,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,400	µg/L	GE
0	Sulfate	21,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Total dissolved solids	276,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	22	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 4.1E-09	µCi/mL	GE
2	Total radium	5.0E-09 ± 3.8E-09	µCi/mL	GE
2	Tritium	8.8E-05 ± 1.4E-06	µCi/mL	GE

WELL KDT 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 — Time: 15:55
Depth to water: 65.27 ft (19.89 m) below TOC — pH: 5.0
Water elevation: 207.73 ft (63.32 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 70 µS/cm — Water temperature: 21.2°C
Water evacuated before sampling: 11 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	59	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	66	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,030	µg/L	GE
0	Chlorobenzene	1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE

WELL KDT 1D collected on 03/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Endrin	<0.0080	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	850	µg/L	GE
2	Manganese	140	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	2,910	µg/L	GE
0	Oil & grease	<1,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	850	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,800	µg/L	GE
0	Sulfate	5,340	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	40,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	2.7E-09 ± 1.9E-09	µCi/mL	GE
0	Total activity	1.1E-03 ± 2.6E-05	µCi/mL	EM
1	Total radium	2.6E-09 ± 3.0E-09	µCi/mL	GE
2	Tritium	7.8E-04 ± 4.1E-06	µCi/mL	GE

WELL KRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91 — Time: 12:50
Depth to water: 46.12 ft (14.06 m) below TOC — pH: 5.0
Water elevation: 217.78 ft (66.38 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 28 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	pH	5.0	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Specific conductance	23	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Barium	19	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	390	µg/L	GE
0	Calcium	380	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,110	µg/L	GE
0	Chloride	3,140	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	160	µg/L	GE
1	Iron	170	µg/L	GE
0	Lead	12	µg/L	GE
0	Lead	13	µg/L	GE
0	Magnesium	320	µg/L	GE
0	Magnesium	350	µg/L	GE
0	Manganese	11	µg/L	GE
0	Manganese	12	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	Nitrate as nitrogen	2,130	µg/L	GE
0	Nitrate as nitrogen	2,150	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	540	µg/L	GE
0	Potassium	<500	µg/L	GE

WELL KRP 1 collected on 01/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,300	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,300	µg/L	GE
0	Sodium	4,700	µg/L	GE
0	Sulfate	5,330	µg/L	GE
0	Sulfate	5,360	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Tetrachloroethylene	2.0	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 carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.0	µg/L	GE
1	Trichloroethylene	3.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09 ± 3.5E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 3.2E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 4.0E-07	µCi/mL	GE
1	Tritium	1.1E-05 ± 4.0E-07	µCi/mL	GE

WELL KRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91 — Time: 13:10
Depth to water: 38.45 ft (11.72 m) below TOC — pH: 5.0
Water elevation: 217.65 ft (66.34 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	16	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Lindane	<0.0050	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	1,740	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
1	Iron	170	µg/L	GE
1	Lead	44	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	7.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	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	6,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,400	µg/L	GE
0	Sulfate	1,350	µg/L	GE
0	Tetrachloroethylene	<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	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 3.2E-09	µCi/mL	GE
1	Tritium	1.0E-05 ± 4.0E-07	µCi/mL	GE

WELL KRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91 — Time: 13:40
Depth to water: 36.11 ft (11.01 m) below TOC — pH: 5.1
Water elevation: 218.39 ft (66.57 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 29 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	29	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,990	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
2	Iron	460	µg/L	GE
0	Lead	11	µg/L	GE
0	Magnesium	240	µg/L	GE
1	Manganese	41	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	120	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,100	µg/L	GE
0	Sulfate	1,180	µg/L	GE
0	Tetrachloroethylene	<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	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.9E-08 ± 3.0E-07	µCi/mL	GE

WELL KRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91 — Time: 14:15
Depth to water: 38.78 ft (11.81 m) below TOC — pH: 4.9
Water elevation: 216.84 ft (66.09 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 69 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 74 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	48	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	57	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,000	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	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,500	µg/L	GE
2	Manganese	100	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	6,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,400	µg/L	GE
0	Sulfate	15,600	µg/L	GE
2	Tetrachloroethylene	82	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE

ANALYTICAL RESULTS

WELL KRP 4 collected on 01/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	96	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	32	µg/L	GE
0	Gross alpha	<2.0E-08	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.1E-09±2.5E-09	µCi/mL	GE
1	Tritium	1.1E-05±3.0E-07	µCi/mL	GE

WELL KSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91
Depth to water: 63.21 ft (19.27 m) below TOC
Water elevation: 204.19 ft (62.24 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 75 gal

Time: 10:30
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
0	pH	5.1	pH	IT
0	Specific conductance	25	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.8	µg/L	IT
0	Barium	5.7	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	591	µg/L	IT
0	Calcium	590	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	2,340	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	7.2	µg/L	IT
0	Iron	15	µg/L	IT
0	Lead	3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	322	µg/L	IT
0	Magnesium	326	µg/L	IT
0	Manganese	13	µg/L	IT
0	Manganese	13	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	980	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,950	µg/L	IT
0	Silica	6,800	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,710	µg/L	IT
0	Sodium	2,730	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
1	Tetrachloroethylene	3.8	µg/L	IT
0	Total dissolved solids	15,000	µg/L	IT
0	Total dissolved solids	14,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	23	µg/L	IT
0	Total phosphates (as P)	75	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
2	Trichloroethylene	19	µg/L	IT
0	Antimony-125	<4.8E-08	µCi/mL	EM
0	Cerium-144	<9.9E-08	µCi/mL	EM
0	Cesium-134	<1.9E-08	µCi/mL	EM
0	Cesium-137	<2.1E-08	µCi/mL	EM
0	Chromium-51	<1.3E-07	µCi/mL	EM
0	Cobalt-60	<2.1E-08	µCi/mL	EM
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Gross alpha	1.1E-09±9.9E-10	µCi/mL	EM
0	Iodine-131	<2.0E-08	µCi/mL	EM
0	Niobium-95	<2.2E-08	µCi/mL	EM
0	Nonvolatile beta	1.3E-08±4.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.8E-09±1.4E-09	µCi/mL	EM
0	Ruthenium-103	<1.4E-08	µCi/mL	EM
0	Ruthenium-106	<1.5E-07	µCi/mL	EM
0	Strontium-89/90	2.8E-09±1.7E-09	µCi/mL	EM
0	Total activity	2.0E-03±3.2E-05	µCi/mL	EM
0	Total radium	1.0E-09±4.0E-10	µCi/mL	IT
2	Tritium	1.4E-03±2.0E-04	µCi/mL	IT
2	Tritium	1.7E-03±2.8E-05	µCi/mL	EM
0	Zirconium-95	<3.0E-08	µCi/mL	EM

WELL KSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/91
Depth to water: 62.42 ft (19.03 m) below TOC
Water elevation: 204.98 ft (62.48 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 77 gal

Time: 9:40
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	1.6E-09±1.1E-09	µCi/mL	EM
0	Nonvolatile beta	1.6E-09±1.4E-09	µCi/mL	EM
2	Tritium	6.0E-03±5.2E-05	µCi/mL	EM

WELL KSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91
Depth to water: 62.13 ft (18.94 m) below TOC
Water elevation: 203.87 ft (62.08 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 78 gal

Time: 11:00
pH: 4.6
Alkalinity ($CaCO_3$) 0 mg/L
Water temperature 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	Specific conductance	20	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	6.8	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	243	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	2,310	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	8.1	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	271	µg/L	IT
0	Manganese	1.9	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	770	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,760	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,640	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Total dissolved solids	37,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	18	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<0.40	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Gross alpha	1.1E-10±3.8E-10	µCi/mL	EM
2	Nonvolatile beta	8.2E-07±9.0E-08	µCi/mL	IT
0	Nonvolatile beta	5.2E-10±7.7E-10	µCi/mL	EM
0	Strontium-89/90	-9.3E-11±1.4E-09	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	3.2E-05±4.0E-06	µCi/mL	IT
2	Tritium	3.2E-05±1.3E-06	µCi/mL	EM

WELL KSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/91
Depth to water: 61.16 ft (18.64 m) below TOC
Water elevation: 204.64 ft (62.38 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 81 gal

Time: 10:00
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.3E-10±4.4E-10	µCi/mL	EM
0	Nonvolatile beta	1.5E-09±9.3E-10	µCi/mL	EM
2	Tritium	3.5E-05±1.4E-06	µCi/mL	EM

WELL KSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91 — Time: 11:35
Depth to water: 58.07 ft (17.70 m) below TOC — pH: 4.5
Water elevation: 203.43 ft (62.01 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 36 µS/cm — Water temperature: 21.6°C
Water evacuated before sampling: 89 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	Specific conductance	33	µS/cm	IT
0	Specific conductance	34	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	8.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	758	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	3,100	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	561	µg/L	IT
0	Manganese	4.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,430	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	510	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,170	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,940	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Total dissolved solids	16,000	µg/L	IT
0	Total organic carbon	1,170	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
1	Trichloroethylene	4.1	µg/L	IT
0	Antimony-125	<4.9E-08	µCi/mL	EM
0	Cerium-144	<1.5E-07	µCi/mL	EM
0	Cesium-134	<2.1E-08	µCi/mL	EM
0	Cesium-137	<2.2E-08	µCi/mL	EM
0	Chromium-51	<2.0E-07	µCi/mL	EM
0	Cobalt-60	<1.9E-08	µCi/mL	EM
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Gross alpha	1.4E-09±8.7E-10	µCi/mL	EM
0	Iodine-131	<4.5E-08	µCi/mL	EM
0	Niobium-95	<2.1E-08	µCi/mL	EM
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	4.2E-10±7.7E-10	µCi/mL	EM
0	Ruthenium-103	<2.2E-08	µCi/mL	EM
0	Ruthenium-106	<1.8E-07	µCi/mL	EM
0	Strontium-89/90	9.1E-10±1.7E-09	µCi/mL	EM
0	Total activity	2.8E-04±3.7E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	2.8E-04±3.0E-05	µCi/mL	IT
2	Tritium	2.9E-04±3.6E-06	µCi/mL	EM
0	Zirconium-95	<3.6E-08	µCi/mL	EM

WELL KSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/91 — Time: 10:20
Depth to water: 59.28 ft (18.07 m) below TOC — pH: 4.4
Water elevation: 202.22 ft (61.64 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 85 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.3E-10±4.5E-10	µCi/mL	EM
0	Nonvolatile beta	1.7E-09±9.5E-10	µCi/mL	EM
2	Tritium	1.8E-04±2.8E-06	µCi/mL	EM

WELL KSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91 — Time: 9:50
Depth to water: 59.83 ft (18.27 m) below TOC — pH: 4.8
Water elevation: 204.17 ft (62.23 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 81 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	IT
0	Specific conductance	27	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.8	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	682	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	2,810	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	13	µg/L	IT
0	Lead	3.0	µg/L	IT
0	Lithium	<20	µg/L	IT
0	Magnesium	272	µg/L	IT
0	Manganese	7.4	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,030	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,210	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,930	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Tetrachloroethylene	1.7	µg/L	IT
0	Total dissolved solids	17,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	20	µg/L	IT
0	Total phosphates (as P)	37	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
2	Trichloroethylene	7.4	µg/L	IT
0	Antimony-125	<4.2E-08	µCi/mL	IT
0	Antimony-125	<4.1E-08	µCi/mL	IT
0	Cerium-141	<8.0E-09	µCi/mL	IT
0	Cerium-141	<8.0E-09	µCi/mL	IT
0	Cerium-144	<2.7E-07	µCi/mL	IT
0	Cerium-144	<2.7E-07	µCi/mL	IT
0	Cesium-134	<2.8E-08	µCi/mL	IT
0	Cesium-134	<2.8E-08	µCi/mL	IT
0	Cesium-137	<5.8E-09	µCi/mL	IT
0	Cesium-137	<5.8E-09	µCi/mL	IT
0	Cobalt-58	<5.8E-09	µCi/mL	IT
0	Cobalt-58	<5.8E-09	µCi/mL	IT
0	Cobalt-60	<6.5E-09	µCi/mL	IT
0	Cobalt-60	<6.6E-09	µCi/mL	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Manganese-54	<5.1E-09	µCi/mL	IT
0	Manganese-54	<5.1E-09	µCi/mL	IT
0	Niobium-95	<5.9E-09	µCi/mL	IT
0	Niobium-95	<6.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-226	<2.1E-08	µCi/mL	IT
0	Radium-228	<9.4E-08	µCi/mL	IT
0	Radium-228	<9.4E-08	µCi/mL	IT
0	Ruthenium-103	<5.4E-09	µCi/mL	IT
0	Ruthenium-103	<5.4E-09	µCi/mL	IT
0	Ruthenium-106	<5.8E-08	µCi/mL	IT
0	Ruthenium-106	<5.7E-08	µCi/mL	IT
0	Sodium-22	<7.2E-09	µCi/mL	IT
0	Sodium-22	<7.3E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.2E-09	µCi/mL	IT
0	Thorium-232	<9.3E-09	µCi/mL	IT
0	Total activity	1.9E-01±2.1E-03	µCi/mL	EM
0	Total radium	1.7E-09±5.0E-10	µCi/mL	IT
2	Tritium	8.5E-02±9.0E-03	µCi/mL	IT
0	Uranium-235	<4.0E-08	µCi/mL	IT
0	Uranium-235	<4.0E-08	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Uranium-238	<1.2E-07	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.1E-08	µCi/mL	IT
0	Zirconium-95	<1.1E-08	µCi/mL	IT

ANALYTICAL RESULTS

WELL KSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/91
Depth to water: 59.38 ft (18.10 m) below TOC
Water elevation: 204.72 ft (62.40 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 92 gal

Time: 9:20
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	1.5E-09±1.1E-09	µCi/mL	EM
0	Nonvolatile beta	1.4E-09±1.3E-09	µCi/mL	EM
2	Tritium	9.8E-02±2.1E-04	µCi/mL	EM

WELL KSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91
Depth to water: 56.48 ft (17.22 m) below TOC
Water elevation: 173.32 ft (52.83 m) msl
Sp. conductance: 45 µS/cm
Water evacuated before sampling: 42 gal

Time: 15:00
pH: 5.8
Alkalinity ($CaCO_3$): 9 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	31	µS/cm	GE
1	Arsenic	40	µg/L	GE
0	Barium	7.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,800	µg/L	GE
0	Chloride	3,120	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	14	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	130	µg/L	GE
1	Lead	33	µg/L	GE
0	Magnesium	700	µg/L	GE
0	Manganese	12	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	490	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
2	Selenium	29	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	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)	60	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	2.9E-06±3.0E-07	µCi/mL	GE

WELL KSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91
Depth to water: 28.55 ft (8.70 m) below TOC
Water elevation: 163.75 ft (49.91 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 50 gal

Time: 16:05
pH: 5.6
Alkalinity ($CaCO_3$): 5 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	17	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Chloride	2,030	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	160	µg/L	GE
0	Copper	140	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE

WELL KSS 2D collected on 01/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	49	µg/L	GE
0	Lead	10	µg/L	GE
0	Magnesium	380	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	9.9	µg/L	GE
0	Nitrate as nitrogen	490	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	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,800	µg/L	GE
0	Sulfate	1,090	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	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.6E-06±3.0E-07	µCi/mL	GE

WELL KSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91
Depth to water: 22.08 ft (6.72 m) below TOC
Water elevation: 163.14 ft (49.73 m) msl
Sp. conductance: 57 µS/cm
Water evacuated before sampling: 63 gal

Time: 15:35
pH: 6.2
Alkalinity ($CaCO_3$): 16 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.4	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,500	µg/L	GE
0	Chloride	2,360	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	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	410	µg/L	GE
0	Manganese	4.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	430	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	8,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.9E-06±3.0E-07	µCi/mL	GE

WELL LAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91
Depth to water: 21.70 ft (6.61 m) below TOC
Water elevation: 216.50 ft (65.99 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 67 gal
Time: 15:25
pH: 5.1
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	410	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,120	µg/L	GE
0	Chloroform	2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	55	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	0.018	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	680	µg/L	GE
2	Iron	662	µg/L	GE
0	Lead	23	µg/L	GE
0	Magnesium	510	µg/L	GE
0	Manganese	17	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
1	Tetrachloroethylene	3.0	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	42	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	47	µg/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
1	Tritium	1.8E-05±6.0E-07	µCi/mL	GE

WELL LAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91
Depth to water: 24.02 ft (7.32 m) below TOC
Water elevation: 216.18 ft (65.89 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 60 gal
Time: 14:45
pH: 5.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 20.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Arsenic	3.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	460	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,550	µg/L	GE
0	Chloroform	1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	200	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	80	µg/L	GE
1	Lead	26	µg/L	GE
0	Magnesium	510	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	Nitrate as nitrogen	1,180	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	9,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE

WELL LAC 2 collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sulfate	1,170	µg/L	GE
1	Tetrachloroethylene	3.0	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	25	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	47	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.0E-06±4.0E-07	µCi/mL	GE

WELL LAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91
Depth to water: 21.58 ft (6.58 m) below TOC
Water elevation: 216.22 ft (65.90 m) msl
Sp. conductance: 284 µS/cm
Water evacuated before sampling: 67 gal
Time: 16:45
pH: 9.2
Alkalinity ($CaCO_3$): 137 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.9	pH	GE
0	Specific conductance	179	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	350	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,310	µg/L	GE
0	Chloroform	2.0	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	<100	µg/L	GE
0	Iron	68	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	11	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	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	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	73,000	µg/L	GE
0	Sulfate	18,500	µg/L	GE
2	Tetrachloroethylene	10	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	12	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	4.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	7.1E-06±4.0E-07	µCi/mL	GE

WELL LAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91
Depth to water: 20.65 ft (6.29 m) below TOC
Water elevation: 216.45 ft (65.97 m) msl
Sp. conductance: 105 µS/cm
Water evacuated before sampling: 82 gal
Time: 16:00
pH: 6.8
Alkalinity ($CaCO_3$): 47 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	79	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,480	µg/L	GE
0	Chloroform	6.0	µg/L	GE

ANALYTICAL RESULTS

WELL LAC 4 collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	88	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	1,100	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	180	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	770	µg/L	GE
0	Selenium	2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	25,000	µg/L	GE
0	Sulfate	20,200	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Total dissolved solids	82,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	1.1E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	4.6E-06 ± 4.0E-07	µCi/mL	GE

WELL LCO 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91
Depth to water: 24.95 ft (7.60 m) below TOC
Water elevation: 215.75 ft (65.76 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 32 gal
The well went dry during purging.

Time: 10:55
pH: 5.2
Alkalinity ($CaCO_3$): 4 mg/L
Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	IT
0	pH	5.8	pH	IT
0	Specific conductance	54	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	108	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,500	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	323	µg/L	IT
0	Lead	4.1	µg/L	IT
0	Magnesium	525	µg/L	IT
0	Manganese	12	µg/L	IT
0	Mercury	0.39	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,520	µg/L	IT
0	Phenols	<5.0	µg/L	IT
1	Potassium	7,860	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	4,240	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,060	µg/L	IT
0	Sulfate	2,780	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT

WELL LCO 1 collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	45,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	181	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.4E-08 ± 3.0E-09	µCi/mL	IT
0	Total activity	3.3E-04 ± 4.0E-06	µCi/mL	EM
0	Total radium	2.3E-09 ± 5.0E-10	µCi/mL	IT
2	Tritium	2.7E-04 ± 3.0E-05	µCi/mL	IT

WELL LCO 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91
Depth to water: 25.64 ft (7.82 m) below TOC
Water elevation: 215.98 ft (65.83 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 51 gal

Time: 11:40
pH: 4.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 21.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	IT
0	Specific conductance	26	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.5	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	333	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,520	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	143	µg/L	IT
0	Lead	21	µg/L	IT
0	Magnesium	389	µg/L	IT
0	Manganese	6.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,220	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	4,820	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,370	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	J 2.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	18,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	35	µg/L	IT
0	Total phosphates (as P)	24	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
1	Tritium	1.1E-05 ± 2.0E-06	µCi/mL	IT

WELL LCO 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 — Time: 12:25
Depth to water: 25.41 ft (7.75 m) below TOC — pH: 9.6
Water elevation: 215.99 ft (65.83 m) msl — Alkalinity ($CaCO_3$): 161 mg/L
Sp. conductance: 338 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.5	pH	IT
1	Specific conductance	351	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	<1.0	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	55	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,850	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	250	µg/L	IT
0	Iron	34	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	8.2	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	640	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	3,590	µg/L	IT
0	Silver	<2.5	µg/L	IT
2	Sodium	78,400	µg/L	IT
0	Sulfate	17,800	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	15	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	209,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	18	µg/L	IT
0	Total organic halogens	14	µg/L	IT
0	Total phosphates (as P)	95	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	7.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.1E-09±4.0E-10	µCi/mL	IT
0	Tritium	9.2E-06±1.0E-06	µCi/mL	IT

WELL LCO 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 — Time: 13:15
Depth to water: 21.53 ft (6.56 m) below TOC — pH: 5.0
Water elevation: 215.67 ft (65.74 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 525 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 61 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.2	pH	IT
1	Specific conductance	403	µS/cm	GE
2	Specific conductance	581	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT

WELL LCO 4 collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Barium	8.5	µg/L	GE
0	Barium	8.8	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	370	µg/L	GE
0	Calcium	414	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	11,100	µg/L	GE
0	Chloride	10,700	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	25	µg/L	GE
0	Ethylbenzene	19	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
2	Iron	390	µg/L	GE
2	Iron	536	µg/L	IT
0	Lead	11	µg/L	GE
0	Lead	5.7	µg/L	IT
0	Magnesium	1,100	µg/L	GE
0	Magnesium	1,040	µg/L	IT
2	Manganese	95	µg/L	GE
2	Manganese	105	µg/L	IT
0	Mercury	0.71	µg/L	GE
0	Mercury	0.62	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,480	µg/L	GE
0	Nitrate as nitrogen	1,450	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	530	µg/L	GE
0	Potassium	<500	µg/L	IT
1	Selenium	5.0	µg/L	GE
0	Selenium	4.8	µg/L	IT
0	Silica	6,000	µg/L	GE
0	Silica	5,530	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
2	Sodium	110,000	µg/L	GE
2	Sodium	127,000	µg/L	IT
1	Sulfate	235,000	µg/L	GE
1	Sulfate	241,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	17	µg/L	GE
2	Tetrachloroethylene	15	µg/L	IT
0	Toluene	8.0	µg/L	GE
0	Toluene	6.0	µg/L	IT
1	Total dissolved solids	415,000	µg/L	GE
1	Total dissolved solids	374,000	µg/L	IT
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	1,570	µg/L	IT
0	Total organic halogens	20	µg/L	GE
0	Total organic halogens	18	µg/L	IT

ANALYTICAL RESULTS

WELL LCO 4 collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<6.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
1	Total radium	2.8E-09±3.2E-09	µCi/mL	GE
1	Total radium	4.7E-09±7.0E-10	µCi/mL	IT
2	Tritium	6.6E-05±1.2E-06	µCi/mL	GE
2	Tritium	5.9E-05±6.0E-06	µCi/mL	IT
2	Tritium	5.8E-05±6.0E-06	µCi/mL	IT

WELL LCO 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91
Depth to water: 21.53 ft (6.56 m) below TOC
Water elevation: 215.87 ft (65.74 m) msl
Sp. conductance: 525 µS/cm
Water evacuated before sampling: 61 gal
Time: 13:15
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.1	pH	IT
1	Specific conductance	358	µS/cm	GE
2	Specific conductance	624	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	8.5	µg/L	GE
0	Barium	8.4	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	430	µg/L	GE
0	Calcium	415	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	10,300	µg/L	GE
0	Chloride	11,800	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT

WELL LCO 4 collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	21	µg/L	GE
0	Ethylbenzene	15	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
2	Iron	320	µg/L	GE
1	Iron	253	µg/L	IT
0	Lead	10	µg/L	GE
0	Lead	5.2	µg/L	IT
0	Magnesium	1,100	µg/L	GE
0	Magnesium	1,050	µg/L	IT
2	Manganese	100	µg/L	GE
2	Manganese	100	µg/L	IT
0	Mercury	0.71	µg/L	GE
0	Mercury	0.91	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,530	µg/L	GE
0	Nitrate as nitrogen	1,390	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	580	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	4.3	µg/L	IT
0	Silica	6,200	µg/L	GE
0	Silica	5,480	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
2	Sodium	120,000	µg/L	GE
2	Sodium	127,000	µg/L	IT
1	Sulfate	212,000	µg/L	GE
1	Sulfate	259,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	17	µg/L	GE
2	Tetrachloroethylene	15	µg/L	IT
0	Toluene	7.0	µg/L	GE
0	Toluene	5.0	µg/L	IT
1	Total dissolved solids	378,000	µg/L	GE
1	Total dissolved solids	418,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	2,390	µg/L	IT
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	23	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	2.1E-09±1.3E-09	µCi/mL	GE
0	Gross alpha	6.0E-09±2.5E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total radium	1.6E-09±2.8E-09	µCi/mL	GE
1	Total radium	4.3E-09±7.0E-10	µCi/mL	IT
2	Tritium	7.4E-05±1.3E-06	µCi/mL	GE
2	Tritium	5.3E-05±6.0E-06	µCi/mL	IT

WELL LDB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91
Depth to water: 35.67 ft (10.87 m) below TOC
Water elevation: 217.23 ft (66.21 m) msl
Sp. conductance: 46 µS/cm
Water evacuated before sampling: 20 gal
The well went dry during purging
Time: 13:15
pH: 4.4
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 21.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,340	µg/L	GE
0	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

WELL LDB 1 collected on 03/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Iron	114	µg/L	GE
2	Lead	380	µg/L	GE
0	Magnesium	1,400	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	1,790	µg/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	1,400	µg/L	GE
0	Sulfate	5,010	µg/L	GE
2	Tetrachloroethylene	5.0	µg/L	GE
0	Total dissolved solids	13,700	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	29	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-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	8.7E-06 ± 4.0E-07	µCi/mL	GE

WELL LDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 — Time: 13:30
Depth to water: 33.31 ft (10.15 m) below TOC — pH: 4.7
Water elevation: 218.59 ft (66.63 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 57 µS/cm — Water temperature: 21.5°C
Water evacuated before sampling: 21 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	48	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,700	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
1	Iron	174	µg/L	GE
1	Lead	42	µg/L	GE
0	Magnesium	970	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	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	6,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,400	µg/L	GE
0	Sulfate	25,300	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
1	Total organic halogens	54	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	7.9E-06 ± 4.0E-07	µCi/mL	GE

WELL LFW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 — Time: 14:10
Depth to water: 17.32 ft (5.28 m) below TOC — pH: 6.1
Water elevation: 154.38 ft (47.06 m) msl — Alkalinity ($CaCO_3$): 130 mg/L
Sp. conductance: 308 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	IT
0	Specific conductance	188	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	14	µg/L	IT
0	Benzene	J 2.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	3,500	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	17,000	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<13	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
2	trans-1,2-Dichloroethene	130	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	46,800	µg/L	IT
0	Lead	<3.0	µg/L	IT
2	Magnesium	7,720	µg/L	IT
1	Manganese	31	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,850	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,780	µg/L	IT
0	Silver	<13	µg/L	IT
0	Sodium	10,700	µg/L	IT
0	Sulfate	2,900	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	74,000	µg/L	IT
0	Total organic carbon	4,990	µg/L	IT
0	Total organic carbon	4,860	µg/L	IT
2	Total organic halogens	151	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
1	Gross alpha	1.0E-08 ± 3.0E-09	µCi/mL	IT
0	Nonvolatile beta	9.4E-09 ± 3.4E-09	µCi/mL	IT
2	Total radium	6.3E-09 ± 7.0E-10	µCi/mL	IT
0	Tritium	5.4E-06 ± 6.0E-07	µCi/mL	IT

ANALYTICAL RESULTS

WELL LFW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91 — Time: 13:25
Depth to water: 18.61 ft (5.67 m) below TOC — pH: 7.0
Water elevation: 152.59 ft (46.51 m) msl — Alkalinity ($CaCO_3$): 188 mg/L
Sp. conductance: 494 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	IT
1	Specific conductance	362	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
1	Arsenic	25	µg/L	IT
0	Barium	18	µg/L	IT
2	Benzene	5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	8,490	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	38,200	µg/L	IT
1	Chlorobenzene	35	µg/L	IT
0	Chloroethane	10	µg/L	IT
2	Chloroethene (Vinyl chloride)	270	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
2	1,4-Dichlorobenzene	85	µg/L	IT
1	1,1-Dichloroethane	30	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	J 3.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	B 5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	20	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	42,100	µg/L	IT
0	Lead	<3.0	µg/L	IT
2	Magnesium	15,300	µg/L	IT
0	Manganese	9.3	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	5.1	µg/L	IT
0	Potassium	2,810	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	4,440	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	33,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	5.0	µg/L	IT
0	Total dissolved solids	152,000	µg/L	IT
2	Total organic carbon	10,500	µg/L	IT
2	Total organic halogens	200	µg/L	IT
0	Total phosphates (as P)	25	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	6.2E-09±2.4E-09	µCi/mL	IT
0	Nonvolatile beta	1.5E-08±4.0E-09	µCi/mL	IT
2	Total radium	5.5E-09±8.0E-10	µCi/mL	IT
1	Tritium	1.9E-05±2.0E-06	µCi/mL	IT

WELL LFW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91 — Time: 12:40
Depth to water: 19.83 ft (6.04 m) below TOC — pH: 6.2
Water elevation: 150.67 ft (45.92 m) msl — Alkalinity ($CaCO_3$): 23 mg/L
Sp. conductance: 83 µS/cm — Water temperature: 15.8°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	IT
0	Specific conductance	106	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.8	µg/L	IT
0	Benzene	J 1.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,990	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	12,100	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
2	Chloroethene (Vinyl chloride)	95	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,4-Dichlorobenzene	28	µg/L	IT
0	1,1-Dichloroethane	14	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	7.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	7.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	4,940	µg/L	IT
0	Lead	<3.0	µg/L	IT
1	Magnesium	4,070	µg/L	IT
0	Manganese	11	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,120	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	986	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	4,730	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	10,400	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	J 1.0	µg/L	IT
0	Total dissolved solids	26,000	µg/L	IT
0	Total organic carbon	3,790	µg/L	IT
1	Total organic halogens	68	µg/L	IT
0	Total phosphates (as P)	11	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	4.9E-09±3.1E-09	µCi/mL	IT
1	Total radium	4.4E-09±6.0E-10	µCi/mL	IT
0	Tritium	5.3E-06±6.0E-07	µCi/mL	IT

WELL LFW 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91
Depth to water: 22.13 ft (6.75 m) below TOC
Water elevation: 153.37 ft (46.75 m) msl
Sp. conductance: 588 µS/cm
Water evacuated before sampling: 65 gal

Time: 9:40
pH: 6.5
Alkalinity ($CaCO_3$): 214 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	IT
1	Specific conductance	335	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	5.4	µg/L	IT
0	Barium	10	µg/L	IT
2	Benzene	8.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.080	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	19,500	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	32,200	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<13	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,4-Dichlorobenzene	23	µg/L	IT
2	1,1-Dichloroethane	130	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	6.0	µg/L	IT
2	1,1-Dichloroethylene	7.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	B 340	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	35	µg/L	IT
2	Fluoride	6,220	µg/L	IT
2	Iron	98,100	µg/L	IT
0	Lead	<3.0	µg/L	IT
2	Magnesium	14,900	µg/L	IT
2	Manganese	69	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	910	µg/L	IT
1	Phenols	57	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	11,000	µg/L	IT
0	Silver	<13	µg/L	IT
1	Sodium	25,500	µg/L	IT
0	Sulfate	4,250	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	18	µg/L	IT
0	Toluene	52	µg/L	IT
1	Total dissolved solids	238,000	µg/L	IT
2	Total organic carbon	43,600	µg/L	IT
2	Total organic halogens	296	µg/L	IT
0	Total phosphates (as P)	97	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	35	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	46	µg/L	IT
1	Trichlorofluoromethane	70	µg/L	IT
1	Gross alpha	1.2E-08 ± 5.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.6E-08 ± 4.0E-09	µCi/mL	IT
2	Total radium	8.9E-09 ± 1.1E-09	µCi/mL	IT
2	Tritium	7.3E-05 ± 8.0E-06	µCi/mL	IT

WELL LFW 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: 22.55 ft (6.87 m) below TOC
Water elevation: 158.25 ft (47.63 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 67 gal

Time: 13:45
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	IT
0	Specific conductance	28	µS/cm	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	7.3	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,040	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,600	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	22	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	B 7.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	50	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	11	µg/L	IT
0	Magnesium	1,150	µg/L	IT
0	Manganese	10	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT

ANALYTICAL RESULTS

WELL LFW 16 collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	N-Nitrosodi-propylamine	< 10	µg/L	IT
0	N-Nitrosodimethylamine	< 10	µg/L	IT
0	N-Nitrosodiphenylamine	< 10	µg/L	IT
0	Naphthalene	< 10	µg/L	IT
0	Nitrate as nitrogen	660	µg/L	IT
0	Nitrobenzene	< 10	µg/L	IT
0	2-Nitrophenol	< 10	µg/L	IT
0	4-Nitrophenol	< 10	µg/L	IT
0	Pentachlorophenol	< 50	µg/L	IT
0	Phenanthrene	< 10	µg/L	IT
0	Phenol	< 10	µg/L	IT
0	Phenols	< 5.0	µg/L	IT
0	Potassium	< 500	µg/L	IT
0	Pyrene	< 10	µg/L	IT
0	Selenium	< 3.0	µg/L	IT
0	Silica	8,900	µg/L	IT
0	Silver	< 2.5	µg/L	IT
0	Sodium	1,340	µg/L	IT
0	Sulfate	< 1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	IT
2	Tetrachloroethylene	5.0	µg/L	IT
0	Toluene	< 5.0	µg/L	IT
0	Total dissolved solids	16,000	µg/L	IT
0	Total organic carbon	1,510	µg/L	IT
2	Total organic halogens	159	µg/L	IT
0	Total phosphates (as P)	< 10	µg/L	IT
0	Toxaphene	< 0.50	µg/L	IT
0	2,4,5-TP (Silvex)	< 0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	< 10	µg/L	IT
0	1,1,1-Trichloroethane	9.0	µg/L	IT
0	1,1,2-Trichloroethane	< 5.0	µg/L	IT
2	Trichloroethylene	6.0	µg/L	IT
0	Trichlorofluoromethane	23	µg/L	IT
0	2,4,5-Trichlorophenol	< 10	µg/L	IT
0	2,4,6-Trichlorophenol	< 10	µg/L	IT
0	Gross alpha	< 4.0E-09	µCi/mL	IT
0	Nonvolatile beta	4.3E-09 ± 2.7E-09	µCi/mL	IT
0	Total radium	2.0E-09 ± 5.0E-10	µCi/mL	IT
2	Tritium	2.0E-05 ± 2.0E-06	µCi/mL	IT

WELL LFW 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91
Depth to water: 22.29 ft (6.79 m) below TOC
Water elevation: 155.51 ft (47.40 m) msl
Sp. conductance: 328 µS/cm
Water evacuated before sampling: 72 gal

Time: 13:25
pH: 6.3
Alkalinity ($CaCO_3$): 110 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	IT
0	Specific conductance	233	µS/cm	IT
0	Aldrin	< 0.040	µg/L	IT
0	Arsenic	21	µg/L	IT
0	Barium	5.5	µg/L	IT
1	Benzene	J 3.0	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	beta-Benzene hexachloride	< 0.060	µg/L	IT
0	delta-Benzene hexachloride	< 0.050	µg/L	IT
0	Bromodichloromethane	< 5.0	µg/L	IT
0	Bromoform	< 5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	< 10	µg/L	IT
0	Cadmium	< 1.5	µg/L	IT
0	Calcium	5,410	µg/L	IT
0	Carbon tetrachloride	< 5.0	µg/L	IT
0	Chloride	28,800	µg/L	IT
0	Chlorobenzene	23	µg/L	IT
0	Chloroethane	< 10	µg/L	IT
0	Chloroethene (Vinyl chloride)	< 10	µg/L	IT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	IT
0	Chloroform	< 5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	< 10	µg/L	IT
0	Chromium	< 2.5	µg/L	IT
0	Dibromochloromethane	< 5.0	µg/L	IT
0	1,4-Dichlorobenzene	33	µg/L	IT
1	1,1-Dichloroethane	42	µg/L	IT
0	1,2-Dichloroethane	< 5.0	µg/L	IT
2	trans-1,2-Dichloroethene	150	µg/L	IT
0	1,1-Dichloroethylene	< 5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	B 7.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.10	µg/L	IT
0	1,2-Dichloropropane	< 5.0	µg/L	IT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	IT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	IT
0	Endosulfan sulfate	< 0.66	µg/L	IT
0	Endrin	< 0.020	µg/L	IT
0	Ethylbenzene	12	µg/L	IT
0	Fluoride	< 250	µg/L	IT
2	Iron	22,200	µg/L	IT
0	Lead	< 3.0	µg/L	IT
2	Magnesium	10,000	µg/L	IT
0	Manganese	19	µg/L	IT
0	Mercury	< 0.20	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	IT

WELL LFW 17 collected on 02/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	250	µg/L	IT
0	Phenols	< 5.0	µg/L	IT
0	Potassium	891	µg/L	IT
0	Selenium	< 3.0	µg/L	IT
0	Silica	6,370	µg/L	IT
0	Silver	< 2.5	µg/L	IT
0	Sodium	21,000	µg/L	IT
0	Sulfate	3,170	µg/L	IT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	IT
0	Tetrachloroethylene	< 5.0	µg/L	IT
0	Toluene	7.0	µg/L	IT
0	Total dissolved solids	112,000	µg/L	IT
1	Total organic carbon	6,120	µg/L	IT
2	Total organic halogens	220	µg/L	IT
0	Total phosphates (as P)	15	µg/L	IT
0	Toxaphene	< 0.50	µg/L	IT
0	2,4,5-TP (Silvex)	0.050	µg/L	IT
0	1,1,1-Trichloroethane	< 5.0	µg/L	IT
0	1,1,2-Trichloroethane	< 5.0	µg/L	IT
0	Trichloroethylene	< 5.0	µg/L	IT
0	Trichlorofluoromethane	< 10	µg/L	IT
0	Gross alpha	2.8E-09 ± 2.3E-09	µCi/mL	IT
0	Nonvolatile beta	< 5.0E-09	µCi/mL	IT
1	Total radium	2.5E-09 ± 6.0E-10	µCi/mL	IT
0	Tritium	7.9E-06 ± 8.0E-07	µCi/mL	IT

WELL LFW 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91
Depth to water: 19.78 ft (6.03 m) below TOC
Water elevation: 155.22 ft (47.31 m) msl
Sp. conductance: 291 µS/cm
Water evacuated before sampling: 68 gal

Time: 13:50
pH: 6.5
Alkalinity ($CaCO_3$): 132 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	IT
0	Specific conductance	119	µS/cm	IT
0	Aldrin	< 0.040	µg/L	IT
0	Arsenic	22	µg/L	IT
0	Barium	4.6	µg/L	IT
0	Benzene	J 1.0	µg/L	IT
0	Lindane	< 0.010	µg/L	IT
0	beta-Benzene hexachloride	< 0.060	µg/L	IT
0	delta-Benzene hexachloride	< 0.050	µg/L	IT
0	Bromodichloromethane	< 5.0	µg/L	IT
0	Bromoform	< 5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	< 10	µg/L	IT
0	Cadmium	< 1.5	µg/L	IT
0	Calcium	3,500	µg/L	IT
0	Carbon tetrachloride	< 5.0	µg/L	IT
0	Chloride	11,600	µg/L	IT
0	Chlorobenzene	5.0	µg/L	IT
0	Chloroethane	< 10	µg/L	IT
0	Chloroethene (Vinyl chloride)	< 10	µg/L	IT
0	2-Chloroethyl vinyl ether	< 5.0	µg/L	IT
0	Chloroform	< 5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	< 10	µg/L	IT
0	Chromium	< 2.5	µg/L	IT
0	Dibromochloromethane	< 5.0	µg/L	IT
0	1,4-Dichlorobenzene	26	µg/L	IT
0	1,1-Dichloroethane	15	µg/L	IT
0	1,2-Dichloroethane	< 5.0	µg/L	IT
2	trans-1,2-Dichloroethene	140	µg/L	IT
0	1,1-Dichloroethylene	< 5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.10	µg/L	IT
0	1,2-Dichloropropane	< 5.0	µg/L	IT
0	cis-1,3-Dichloropropene	< 5.0	µg/L	IT
0	trans-1,3-Dichloropropene	< 5.0	µg/L	IT
0	Endosulfan sulfate	< 0.66	µg/L	IT
0	Endrin	< 0.020	µg/L	IT
0	Ethylbenzene	11	µg/L	IT
0	Fluoride	< 250	µg/L	IT
2	Iron	40,000	µg/L	IT
0	Lead	< 3.0	µg/L	IT
1	Magnesium	6,190	µg/L	IT
0	Manganese	19	µg/L	IT
0	Mercury	< 0.20	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	IT
0	Nitrate as nitrogen	< 100	µg/L	IT
0	Phenols	5.5	µg/L	IT
0	Phenols	5.3	µg/L	IT
0	Potassium	1,270	µg/L	IT
0	Selenium	< 3.0	µg/L	IT
0	Silica	5,930	µg/L	IT
0	Silver	< 2.5	µg/L	IT
0	Sodium	10,400	µg/L	IT
0	Sulfate	< 1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	< 5.0	µg/L	IT
0	Tetrachloroethylene	< 5.0	µg/L	IT
0	Toluene	7.0	µg/L	IT
0	Total dissolved solids	54,000	µg/L	IT
1	Total organic carbon	6,600	µg/L	IT

WELL LFW 18 collected on 02/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Total organic halogens	185	µg/L	IT
0	Total phosphates (as P)	13	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<8.0E-09	µCi/mL	IT
1	Total radium	4.3E-09 ± 7.0E-10	µCi/mL	IT
0	Tritium	5.8E-06 ± 6.0E-07	µCi/mL	IT

WELL LFW 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91
Depth to water: 20.54 ft (6.26 m) below TOC
Water elevation: 156.16 ft (47.60 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 69 gal

Time: 14:30
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	15	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	2.7	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	387	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,190	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	50	µg/L	IT
0	Lead	4.8	µg/L	IT
0	Magnesium	402	µg/L	IT
0	Manganese	1.4	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	170	µg/L	IT
0	Nitrate as nitrogen	160	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,830	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,030	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	BJ 2.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	10,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	7.8	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
1	Total radium	3.3E-09 ± 6.0E-10	µCi/mL	IT
0	Tritium	3.3E-06 ± 4.0E-07	µCi/mL	IT

WELL LFW 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91
Depth to water: 21.09 ft (6.43 m) below TOC
Water elevation: 159.41 ft (48.59 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 66 gal

Time: 10:15
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	pH	5.1	pH	IT
0	Specific conductance	14	µS/cm	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aldrin	<0.040	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	3.9	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo(a)anthracene	<10	µg/L	IT
0	Benzo(a)pyrene	<10	µg/L	IT
0	Benzo(b)fluoranthene	<10	µg/L	IT
0	Benzo(g,h,i)perylene	<10	µg/L	IT
0	Benzo(k)fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	206	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,510	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	43	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	4.4	µg/L	IT
0	Magnesium	264	µg/L	IT

ANALYTICAL RESULTS

WELL LFW 20 collected on 02/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Manganese	1.8	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nitrate as nitrogen	200	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,010	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	988	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	24,000	µg/L	IT
0	Total organic carbon	1,420	µg/L	IT
0	Total organic halogens	6.9	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	1.6E-08±3.0E-09	µCi/mL	IT
0	Total radium	1.5E-09±4.0E-10	µCi/mL	IT
0	Tritium	3.4E-06±4.0E-07	µCi/mL	IT

WELL LFW 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91
Depth to water: 24.06 ft (7.33 m) below TOC
Water elevation: 151.54 ft (46.19 m) msl
Sp. conductance: 240 µS/cm
Water evacuated before sampling: 59 gal

Time: 10:10
pH: 6.1
Alkalinity ($CaCO_3$): 96 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	IT
0	Specific conductance	169	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	48	µg/L	IT
0	Benzene	J 2.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	7,270	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	10,400	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,4-Dichlorobenzene	J 2.0	µg/L	IT
1	1,1-Dichloroethane	46	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	8.0	µg/L	IT
1	1,1-Dichloroethylene	J 4.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	160	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<1.0	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	6.0	µg/L	IT
0	Fluoride	<250	µg/L	IT

WELL LFW 21 collected on 02/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Iron	22,900	µg/L	IT
0	Lead	<3.0	µg/L	IT
1	Magnesium	5,040	µg/L	IT
2	Manganese	106	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	9.9	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,180	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	10,400	µg/L	IT
0	Sulfate	7,910	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	B 11	µg/L	IT
0	Toluene	J 4.0	µg/L	IT
0	Total dissolved solids	76,000	µg/L	IT
0	Total organic carbon	4,100	µg/L	IT
2	Total organic halogens	203	µg/L	IT
0	Total phosphates (as P)	24	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.20	µg/L	IT
0	1,1,1-Trichloroethane	13	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	13	µg/L	IT
1	Trichlorofluoromethane	89	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
1	Total radium	2.5E-09±6.0E-10	µCi/mL	IT
0	Tritium	5.9E-06±6.0E-07	µCi/mL	IT

WELL LFW 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: 21.66 ft (6.60 m) below TOC
Water elevation: 152.54 ft (46.48 m) msl
Sp. conductance: 257 µS/cm
Water evacuated before sampling: 80 gal

Time: 15:05
pH: 5.5
Alkalinity ($CaCO_3$): 23 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	IT
0	Specific conductance	209	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	14	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	3,170	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	13,000	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
2	1,1-Dichloroethane	53	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
2	1,1-Dichloroethylene	8.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	B 190	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	35	µg/L	IT
0	Fluoride	1,400	µg/L	IT
2	Iron	23,700	µg/L	IT
0	Lead	3.7	µg/L	IT
1	Magnesium	6,460	µg/L	IT
1	Manganese	29	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	280	µg/L	IT
0	Nitrate as nitrogen	290	µg/L	IT
2	Phenols	139	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	11,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	11,300	µg/L	IT
0	Sulfate	37,900	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	J 2.0	µg/L	IT
0	Toluene	66	µg/L	IT

WELL LFW 22 collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	140,000	µg/L	IT
2	Total organic carbon	13,400	µg/L	IT
2	Total organic halogens	217	µg/L	IT
0	Total phosphates (as P)	13	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	35	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	12	µg/L	IT
2	Trichlorofluoromethane	470	µg/L	IT
1	Gross alpha	9.3E-09±2.8E-09	µCi/mL	IT
1	Gross alpha	9.5E-09±2.8E-09	µCi/mL	IT
0	Nonvolatile beta	6.1E-09±3.4E-09	µCi/mL	IT
0	Nonvolatile beta	9.2E-09±4.0E-09	µCi/mL	IT
1	Total radium	4.1E-09±7.0E-10	µCi/mL	IT
0	Tritium	3.5E-06±4.0E-07	µCi/mL	IT

WELL LFW 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: 18.65 ft (5.68 m) below TOC
Water elevation: 153.15 ft (46.68 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 74 gal
Time: 14:35
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	IT
0	Specific conductance	20	µS/cm	IT
0	Specific conductance	20	µS/cm	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	3.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	292	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,960	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	B 9.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT

WELL LFW 23 collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno(1,2,3-c,d)pyrene	<10	µg/L	IT
0	Iron	28	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	7.7	µg/L	IT
0	Magnesium	398	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nitrate as nitrogen	590	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,000	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,760	µg/L	IT
0	Sulfate	1,130	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	14	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	2.4E-06±3.0E-07	µCi/mL	IT

WELL LFW 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: 15.56 ft (4.74 m) below TOC
Water elevation: 155.74 ft (47.47 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 83 gal
Time: 14:10
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	IT
0	Specific conductance	16	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.4	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	309	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,720	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT

ANALYTICAL RESULTS

WELL LFW 24 collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	BJ 5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	25	µg/L	IT
0	Lead	7.2	µg/L	IT
0	Magnesium	480	µg/L	IT
0	Manganese	1.1	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	590	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,900	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,020	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	6,000	µg/L	IT
0	Total organic carbon	1,120	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	2.6E-09±1.8E-09	µCi/mL	IT
0	Nonvolatile beta	6.4E-09±3.1E-09	µCi/mL	IT
1	Total radium	2.6E-09±5.0E-10	µCi/mL	IT
0	Tritium	2.4E-06±3.0E-07	µCi/mL	IT

WELL LFW 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: 16.78 ft (5.11 m) below TOC
Water elevation: 157.92 ft (48.13 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 92 gal

Time: 13:20
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	IT
0	Specific conductance	15	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.5	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	223	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,570	µg/L	IT
0	Chloride	1,550	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	28	µg/L	IT
0	Lead	7.9	µg/L	IT
0	Magnesium	384	µg/L	IT
0	Manganese	1.6	µg/L	IT

WELL LFW 25 collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	520	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,540	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	887	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	7.7E-09±3.4E-09	µCi/mL	IT
0	Total radium	2.1E-09±5.0E-10	µCi/mL	IT
0	Tritium	3.0E-06±3.0E-07	µCi/mL	IT
0	Tritium	2.8E-06±3.0E-07	µCi/mL	IT

WELL LFW 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91
Depth to water: 25.16 ft (7.67 m) below TOC
Water elevation: 161.34 ft (49.18 m) msl
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 47 gal

Time: 11:40
pH: 5.2
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 14.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	pH	5.2	pH	IT
0	Specific conductance	5.0	µS/cm	GE
0	Specific conductance	12	µS/cm	IT
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.6	µg/L	GE
0	Barium	3.5	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	190	µg/L	GE
0	Calcium	178	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,040	µg/L	GE
0	Chloride	1,980	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT

WELL LFW 26 collected on 02/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	11	µg/L	GE
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	19	µg/L	GE
0	Iron	13	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	260	µg/L	GE
0	Magnesium	222	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	110	µg/L	GE
0	Nitrate as nitrogen	100	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	7.8	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	5,200	µg/L	GE
0	Silica	5,270	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,300	µg/L	GE
0	Sodium	1,080	µg/L	IT
0	Sulfate	3,580	µg/L	GE
0	Sulfate	1,010	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	1,000	µg/L	GE
0	Total dissolved solids	8,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	2,390	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	6.4	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 5.0E-10	µCi/mL	IT
0	Tritium	3.9E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	3.2E-06 ± 4.0E-07	µCi/mL	IT

WELL LFW 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91 — Time: 11:40
Depth to water: 25.16 ft (7.67 m) below TOC — pH: 5.2
Water elevation: 161.34 ft (49.18 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 14 µS/cm — Water temperature: 14.3°C
Water evacuated before sampling: 47 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.4	pH	GE
0	pH	5.2	pH	IT
0	Specific conductance	7.0	µS/cm	GE
0	Specific conductance	7.0	µS/cm	GE
0	Specific conductance	12	µS/cm	IT
0	Specific conductance	12	µS/cm	IT
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.8	µg/L	GE
0	Barium	3.6	µg/L	GE
0	Barium	3.4	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	170	µg/L	GE
0	Calcium	160	µg/L	GE
0	Calcium	181	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,020	µg/L	GE
0	Chloride	2,020	µg/L	GE
0	Chloride	2,140	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	5.1	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	8.0	µg/L	GE
2	Dichloromethane (Methylene chloride)	13	µg/L	GE

ANALYTICAL RESULTS

WELL LFW 26 collected on 02/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	120	µg/L	GE
0	Iron	35	µg/L	GE
0	Iron	30	µg/L	IT
0	Lead	5.0	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	240	µg/L	GE
0	Magnesium	230	µg/L	GE
0	Magnesium	209	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Manganese	1.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	0.28	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	110	µg/L	GE
0	Nitrate as nitrogen	140	µg/L	GE
0	Nitrate as nitrogen	110	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	5,300	µg/L	GE
0	Silica	5,300	µg/L	GE
0	Silica	4,940	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,300	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sodium	1,020	µg/L	IT
0	Sulfate	3,500	µg/L	GE
0	Sulfate	2,800	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	<1,000	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,200	µg/L	IT
1	Total organic halogens	57	µg/L	GE
1	Total organic halogens	57	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
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	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT

WELL LFW 26 collected on 02/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	4.1E-09±3.7E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09±3.5E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	1.0E-09±4.3E-09	µCi/mL	GE
1	Total radium	2.7E-09±3.8E-09	µCi/mL	GE
0	Total radium	1.5E-09±4.0E-10	µCi/mL	IT
0	Tritium	3.9E-06±3.0E-07	µCi/mL	GE
0	Tritium	3.9E-06±3.0E-07	µCi/mL	GE
0	Tritium	2.9E-06±3.0E-07	µCi/mL	IT

WELL LFW 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91 Time: 10:55
Depth to water: 27.19 ft (8.29 m) below TOC pH: 5.2
Water elevation: 162.01 ft (49.38 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 17 µS/cm Water temperature: 16.5°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	13	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	218	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,810	µg/L	IT
0	Chloride	1,660	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	7.8	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	213	µg/L	IT
0	Manganese	2.7	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	140	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,450	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,390	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT

WELL LFW 27 collected on 02/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	2.2E-06 ± 3.0E-07	µCi/mL	IT

WELL LFW 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91 Time: 9:45
Depth to water: 29.28 ft (8.92 m) below TOC pH: 5.8
Water elevation: 183.12 ft (49.72 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 28 µS/cm Water temperature: 20.3°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	IT
0	Specific conductance	24	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	7.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,100	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,830	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.86	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	73	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	283	µg/L	IT
0	Manganese	5.9	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	250	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,700	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,370	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,900	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	29,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	5.4	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	6.6E-09 ± 3.0E-09	µCi/mL	IT
0	Total radium	1.2E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	1.8E-06 ± 2.0E-07	µCi/mL	IT

WELL LFW 29

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91 Time: 10:25
Depth to water: 31.06 ft (9.47 m) below TOC pH: 4.9
Water elevation: 184.24 ft (50.06 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 22 µS/cm Water temperature: 15.2°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	IT
0	Specific conductance	20	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	7.1	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	494	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,880	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.86	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	22	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	512	µg/L	IT
0	Manganese	3.9	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	760	µg/L	IT
0	Phenols	9.8	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,540	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	926	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	14	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	5.2E-09 ± 3.0E-09	µCi/mL	IT
1	Total radium	4.2E-09 ± 7.0E-10	µCi/mL	IT
0	Tritium	1.9E-06 ± 2.0E-07	µCi/mL	IT

WELL LFW 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/15/91 Time: 9:45
Depth to water: 45.95 ft (14.01 m) below TOC pH: 5.3
Water elevation: 184.05 ft (50.00 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 21 µS/cm Water temperature: 15.9°C
Water evacuated before sampling: 53 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	Specific conductance	17	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT

ANALYTICAL RESULTS

WELL LFW 30 collected on 02/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.4	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,590	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,340	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	13	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	486	µg/L	IT
0	Manganese	5.3	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	380	µg/L	IT
0	Phenols	5.2	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,650	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	877	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	1,740	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	18	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	1.1E-09 ± 3.0E-10	µCi/mL	IT
0	Tritium	2.6E-06 ± 3.0E-07	µCi/mL	IT

WELL LFW 31

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91
Depth to water: 65.68 ft (20.02 m) below TOC
Water elevation: 163.62 ft (49.87 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 51 gal

Time: 11:45
pH: 5.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	IT
0	Specific conductance	14	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.9	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	540	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,950	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT

WELL LFW 31 collected on 02/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 4.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	24	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	396	µg/L	IT
0	Manganese	3.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	200	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,650	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,110	µg/L	IT
0	Sulfate	1,150	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	30,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	2.5E-06 ± 3.0E-07	µCi/mL	IT

WELL LFW 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91
Depth to water: 62.03 ft (18.91 m) below TOC
Water elevation: 161.67 ft (49.28 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 47 gal

Time: 11:20
pH: 5.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	IT
0	Specific conductance	17	µS/cm	IT
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	IT
0	Aldrin	<0.040	µg/L	IT
0	Anthracene	<10	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	3.5	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	Benzyl alcohol	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	283	µg/L	IT

WELL LFW 32 collected on 02/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,630	µg/L	IT
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Diethyl phthalate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	Hexachloroethane	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iron	11	µg/L	IT
0	Isophorone	<10	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	334	µg/L	IT
0	Manganese	1.5	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	IT
0	Nitrate as nitrogen	290	µg/L	IT
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	IT
0	4-Nitrophenol	<10	µg/L	IT
0	Pentachlorophenol	<50	µg/L	IT
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	578	µg/L	IT
0	Pyrene	<10	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,180	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,420	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	22,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.1E-09 ± 3.0E-10	µCi/mL	IT
0	Tritium	3.0E-06 ± 3.0E-07	µCi/mL	IT

WELL LFW 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91 — Time 11:00
Depth to water: 53.09 ft (16.18 m) below TOC — pH 4.9
Water elevation: 160.81 ft (48.95 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 44 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	IT
0	Specific conductance	18	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	368	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,950	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	16	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	424	µg/L	IT
0	Manganese	1.2	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	578	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,520	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,030	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	22,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	5.1	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	2.3E-09 ± 1.8E-09	µCi/mL	IT
0	Nonvolatile beta	9.4E-09 ± 3.4E-09	µCi/mL	IT
1	Total radium	2.7E-09 ± 5.0E-10	µCi/mL	IT
0	Tritium	2.8E-06 ± 3.0E-07	µCi/mL	IT

WELL LFW 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 — Time 15:00
Depth to water: 41.47 ft (12.64 m) below TOC — pH 4.9
Water elevation: 159.53 ft (48.63 m) msl — Alkalinity ($CaCO_3$) 0 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	pH	5.2	pH	IT
0	Specific conductance	17	µS/cm	IT

ANALYTICAL RESULTS

WELL LFW 34 collected on 02/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	344	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,230	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	32	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	377	µg/L	IT
0	Manganese	3.6	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	310	µg/L	IT
0	Phenols	13	µg/L	IT
0	Potassium	512	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,740	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,110	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	2,110	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	12	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
1	Total radium	3.0E-09±6.0E-10	µCi/mL	IT
0	Tritium	3.2E-08±4.0E-07	µCi/mL	IT

WELL LFW 35

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91 Time: 10:35
Depth to water: 24.78 ft (7.55 m) below TOC pH: 5.0
Water elevation: 158.92 ft (48.44 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 27 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	IT
0	Specific conductance	18	µS/cm	IT
0	Specific conductance	18	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	367	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,440	µg/L	IT

WELL LFW 35 collected on 02/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	BJ 3.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	8.7	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	493	µg/L	IT
0	Manganese	3.1	µg/L	IT
0	Mercury	0.21	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	650	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,160	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,200	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	24,000	µg/L	IT
0	Total organic carbon	1,620	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.6E-09±4.0E-10	µCi/mL	IT
0	Tritium	3.1E-06±4.0E-07	µCi/mL	IT

WELL LFW 36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 Time: 12:55
Depth to water: 23.94 ft (7.30 m) below TOC pH: 6.2
Water elevation: 146.48 ft (44.64 m) msl Alkalinity ($CaCO_3$): 56 mg/L
Sp. conductance: 284 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	IT
0	Specific conductance	220	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	41	µg/L	IT
2	Benzene	5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	3,590	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	30,700	µg/L	IT
0	Chlorobenzene	J 1.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
1	1,4-Dichlorobenzene	68	µg/L	IT
2	1,1-Dichloroethane	80	µg/L	IT
2	1,2-Dichloroethane	5.0	µg/L	IT
2	trans-1,2-Dichloroethene	190	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT

WELL LFW 36 collected on 02/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	8,030	µg/L	IT
0	Lead	<3.0	µg/L	IT
1	Magnesium	8,550	µg/L	IT
0	Manganese	25	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	34	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,480	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	22,500	µg/L	IT
0	Sulfate	2,510	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	94,000	µg/L	IT
1	Total organic carbon	6,900	µg/L	IT
2	Total organic halogens	418	µg/L	IT
0	Total phosphates (as P)	22	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	J 4.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	J 2.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
1	Total radium	3.4E-09 ± 7.0E-10	µCi/mL	IT
1	Tritium	1.4E-05 ± 2.0E-06	µCi/mL	IT

WELL LFW 37

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91
Depth to water: 26.53 ft (8.09 m) below TOC
Water elevation: 143.37 ft (43.70 m) msl
Sp. conductance: 98 µS/cm
Water evacuated before sampling: 38 gal
Time: 12:30
pH: 5.1
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	90	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.7	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,240	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	18,600	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,4-Dichlorobenzene	23	µg/L	IT
2	1,1-Dichloroethane	53	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
1	trans-1,2-Dichloroethene	72	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	37	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	29	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	2,080	µg/L	IT
0	Manganese	<10	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT

WELL LFW 37 collected on 02/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Phenols	12	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,200	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	12,000	µg/L	IT
0	Sulfate	1,300	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	18,000	µg/L	IT
0	Total organic carbon	2,780	µg/L	IT
2	Total organic halogens	185	µg/L	IT
0	Total phosphates (as P)	24	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	J 3.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	8.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
1	Total radium	3.7E-09 ± 7.0E-10	µCi/mL	IT
0	Tritium	7.8E-06 ± 8.0E-07	µCi/mL	IT

WELL LFW 38

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91
Depth to water: 26.00 ft (7.92 m) below TOC
Water elevation: 144.30 ft (43.98 m) msl
Sp. conductance: 55 µS/cm
Water evacuated before sampling: 39 gal
Time: 11:55
pH: 4.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	IT
0	Specific conductance	51	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.9	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	780	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	10,600	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	J 4.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,4-Dichlorobenzene	10	µg/L	IT
1	1,1-Dichloroethane	33	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	34	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	42	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	21	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	945	µg/L	IT
0	Manganese	5.1	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	24	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,300	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	5,480	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
1	Tetrachloroethylene	BJ 3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	28,000	µg/L	IT
0	Total organic carbon	1,400	µg/L	IT
2	Total organic halogens	177	µg/L	IT
0	Total phosphates (as P)	25	µg/L	IT

ANALYTICAL RESULTS

WELL LFW 38 collected on 02/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	11	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	15	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	2.0E-09 ± 5.0E-10	µCi/mL	IT
0	Tritium	5.0E-06 ± 5.0E-07	µCi/mL	IT

WELL LFW 39

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 Time: 11:35
Depth to water: 26.98 ft (8.22 m) below TOC pH: 4.8
Water elevation: 144.42 ft (44.02 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 28 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	pH	5.3	pH	IT
0	Specific conductance	25	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.7	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	301	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,210	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
1	1,1-Dichloroethane	25	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	9.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	6.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	24	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	559	µg/L	IT
0	Manganese	1.0	µg/L	IT
0	Mercury	0.89	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	630	µg/L	IT
0	Phenols	10	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,430	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,300	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	B 23	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	2,490	µg/L	IT
2	Total organic halogens	122	µg/L	IT
0	Total phosphates (as P)	19	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	44	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	9.0	µg/L	IT
2	Trichlorofluoromethane	150	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.9E-09 ± 5.0E-10	µCi/mL	IT
0	Tritium	4.7E-06 ± 5.0E-07	µCi/mL	IT

WELL LFW 40

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 Time: 11:15
Depth to water: 26.95 ft (8.21 m) below TOC pH: 4.9
Water elevation: 144.05 ft (43.91 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 22 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	Specific conductance	19	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	2.7	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	430	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,260	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	1,1-Dichloroethane	13	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	B 40	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	12	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	488	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	220	µg/L	IT
0	Phenols	13	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,680	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,600	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	3,440	µg/L	IT
2	Total organic halogens	162	µg/L	IT
0	Total phosphates (as P)	17	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	35	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	7.0	µg/L	IT
2	Trichlorofluoromethane	430	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	2.1E-09 ± 5.0E-10	µCi/mL	IT
0	Tritium	2.5E-06 ± 3.0E-07	µCi/mL	IT

WELL LFW 41

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 Time: 10:55
Depth to water: 23.97 ft (7.31 m) below TOC pH: 5.1
Water elevation: 146.53 ft (44.66 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 16 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	IT
0	Specific conductance	12	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	1.9	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	248	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,700	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	J 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	21	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	284	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,260	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,300	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	2,810	µg/L	IT
0	Total organic halogens	10	µg/L	IT
0	Total organic halogens	14	µg/L	IT
0	Total phosphates (as P)	18	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	25	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.6E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	3.2E-06 ± 4.0E-07	µCi/mL	IT

WELL LFW 42

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/18/91 Time: 10:35
Depth to water: 21.87 ft (6.67 m) below TOC pH: 5.2
Water elevation: 148.23 ft (45.18 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 15 µS/cm Water temperature: 18.4°C
Water evacuated before sampling: 50 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	IT
0	Specific conductance	13	µS/cm	IT
0	Aldrin	<0.040	µg/L	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	2.3	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	beta-Benzene hexachloride	<0.060	µg/L	IT
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	239	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,990	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endosulfan sulfate	<0.66	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	20	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	277	µg/L	IT
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	6.5	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	6,050	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,170	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	5.1	µg/L	IT
0	Total phosphates (as P)	20	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	J 5.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	1.9E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	2.5E-06 ± 3.0E-07	µCi/mL	IT

ANALYTICAL RESULTS

WELL LRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 — Time: 10:25
Depth to water: 45.43 ft (13.85 m) below TOC — pH: 4.9
Water elevation: 207.47 ft (63.24 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 17.6°C
Water evacuated before sampling: 71 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.3	pH	GE
0	Specific conductance	8.0	µS/cm	GE
0	Specific conductance	8.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.2	µg/L	GE
0	Barium	6.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	310	µg/L	GE
0	Calcium	320	µg/L	GE
0	Carbon tetrachloride	2.0	µg/L	GE
0	Carbon tetrachloride	2.0	µg/L	GE
0	Chloride	2,360	µg/L	GE
0	Chloride	2,370	µg/L	GE
0	Chloroform	2.0	µg/L	GE
0	Chloroform	2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	6.5	µg/L	GE
0	Iron	4.7	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Lead	10	µg/L	GE
0	Magnesium	290	µg/L	GE
0	Magnesium	300	µg/L	GE
0	Manganese	14	µg/L	GE
0	Manganese	15	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	Nitrate as nitrogen	540	µg/L	GE
0	Nitrate as nitrogen	540	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	5,500	µg/L	GE
0	Silica	7,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,400	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	4,730	µg/L	GE
0	Sulfate	4,320	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
0	Total dissolved solids	31,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	2.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.7E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	2.4E-06 ± 3.0E-07	µCi/mL	GE

WELL LRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 — Time: 11:15
Depth to water: 81.07 ft (18.61 m) below TOC — pH: 5.5
Water elevation: 195.63 ft (59.63 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,300	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	34	µg/L	GE
2	Lead	140	µg/L	GE
0	Magnesium	320	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	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	6,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	2,270	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 3.4E-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 LRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 — Time: 12:20
Depth to water: 50.71 ft (15.46 m) below TOC — pH: 5.0
Water elevation: 207.48 ft (63.24 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 17.8°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	660	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,170	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	14	µg/L	GE
0	Lead	22	µg/L	GE
0	Magnesium	370	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	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	7,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,700	µg/L	GE
0	Sulfate	3,070	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	30,000	µg/L	GE

WELL LRP 3 collected on 02/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.2E-09±2.8E-09	µCi/mL	GE
0	Tritium	3.5E-08±3.0E-07	µCi/mL	GE

WELL LRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 — Time: 13:15
Depth to water: 48.64 ft (14.83 m) below TOC — pH: 4.9
Water elevation: 206.96 ft (63.08 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 88 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	540	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,740	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	5.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	330	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	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	7,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	2,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	1.3E-09±2.6E-09	µCi/mL	GE
0	Tritium	1.9E-08±3.0E-07	µCi/mL	GE

WELL LSB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 — Time: 14:25
Depth to water: 17.62 ft (5.37 m) below TOC — pH: 4.8
Water elevation: 215.08 ft (65.56 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 21.4°C
Water evacuated before sampling: 60 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
0	Specific conductance	21	µS/cm	IT
0	Specific conductance	21	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.9	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	415	µg/L	IT
0	Chloride	1,570	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
1	Iron	203	µg/L	IT

WELL LSB 1 collected on 02/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lead	17	µg/L	IT
0	Magnesium	560	µg/L	IT
0	Manganese	3.8	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,010	µg/L	IT
0	Phenols	5.8	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	4,920	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	940	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	24	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	4.4E-03±1.4E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	4.1E-03±5.0E-04	µCi/mL	IT

WELL LSB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 — Time: 14:55
Depth to water: 19.23 ft (5.86 m) below TOC — pH: 4.8
Water elevation: 215.97 ft (65.83 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 55 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	IT
0	Specific conductance	27	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	11	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	580	µg/L	IT
0	Chloride	2,960	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	51	µg/L	IT
0	Lead	7.4	µg/L	IT
0	Magnesium	602	µg/L	IT
0	Manganese	17	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	890	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	4,560	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,540	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	12	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	1.3E-09±4.0E-10	µCi/mL	IT
0	Tritium	5.2E-06±6.0E-07	µCi/mL	IT

WELL LSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 — Time: 15:50
Depth to water: 15.75 ft (4.80 m) below TOC — pH: 4.7
Water elevation: 220.65 ft (67.25 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 17 µS/cm — Water temperature: 22.0°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	pH	4.9	pH	IT
0	Specific conductance	9.0	µS/cm	GE
0	Specific conductance	18	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT

ANALYTICAL RESULTS

WELL LSB 3 collected on 02/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Barium	7.1	µg/L	GE
0	Barium	7.4	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	210	µg/L	GE
0	Calcium	206	µg/L	IT
0	Chloride	1,430	µg/L	GE
0	Chloride	1,450	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	50	µg/L	GE
0	Iron	49	µg/L	IT
0	Lead	13	µg/L	GE
0	Lead	18	µg/L	IT
0	Magnesium	470	µg/L	GE
0	Magnesium	457	µg/L	IT
0	Manganese	4.2	µg/L	GE
0	Manganese	3.8	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	890	µg/L	GE
0	Nitrate as nitrogen	890	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	4,500	µg/L	GE
0	Silica	4,630	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,200	µg/L	GE
0	Sodium	1,020	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	12,000	µg/L	GE
0	Total dissolved solids	32,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.2E-09 ± 2.6E-09	µCi/mL	GE
0	Nonvolatile beta	4.8E-09 ± 3.1E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	3.7E-05 ± 9.0E-07	µCi/mL	GE
2	Tritium	3.0E-05 ± 3.0E-06	µCi/mL	IT

WELL LSB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 Time: 15:50
Depth to water: 15.75 ft (4.80 m) below TOC pH: 4.7
Water elevation: 220.65 ft (67.25 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 17 µS/cm Water temperature: 22.0°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	pH	4.9	pH	IT
0	Specific conductance	9.0	µS/cm	GE
0	Specific conductance	18	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	7.7	µg/L	GE
0	Barium	7.4	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	210	µg/L	GE
0	Calcium	211	µg/L	IT
0	Calcium	202	µg/L	IT
0	Chloride	1,510	µg/L	GE
0	Chloride	1,460	µg/L	IT

WELL LSB 3 collected on 02/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	41	µg/L	GE
0	Iron	67	µg/L	IT
0	Iron	65	µg/L	IT
0	Lead	17	µg/L	GE
0	Lead	21	µg/L	IT
0	Magnesium	510	µg/L	GE
0	Magnesium	485	µg/L	IT
0	Magnesium	447	µg/L	IT
0	Manganese	4.1	µg/L	GE
0	Manganese	4.3	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	0.46	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	930	µg/L	GE
0	Nitrate as nitrogen	880	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	5,200	µg/L	GE
0	Silica	4,650	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,300	µg/L	GE
0	Sodium	1,040	µg/L	IT
0	Sodium	991	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	12,000	µg/L	GE
0	Total dissolved solids	11,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,330	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 4.0E-10	µCi/mL	IT
2	Tritium	5.4E-05 ± 1.1E-06	µCi/mL	GE
2	Tritium	3.8E-05 ± 4.0E-06	µCi/mL	IT

WELL LSB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/11/91 Time: 16:45
Depth to water: 10.05 ft (3.06 m) below TOC pH: 4.6
Water elevation: 221.45 ft (67.50 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 28 µS/cm Water temperature: 18.3°C
Water evacuated before sampling: 79 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	IT
0	Specific conductance	31	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.1	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	485	µg/L	IT
0	Chloride	1,980	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
1	Iron	186	µg/L	IT
0	Lead	15	µg/L	IT
0	Magnesium	839	µg/L	IT
0	Manganese	3.4	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,490	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,050	µg/L	IT

WELL LSB 4 collected on 02/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silver	<2.5	µg/L	IT
0	Sodium	1,140	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	<5,000	µg/L	IT
0	Total organic carbon	1,410	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	14	µg/L	IT
0	Total phosphates (as P)	13	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total activity	2.7E-03 ± 1.1E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	2.4E-03 ± 3.0E-04	µCi/mL	IT

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 12:40
Depth to water: 109.22 ft (33.29 m) below TOC pH: 8.1
Water elevation: 219.18 ft (66.81 m) msl Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 29 µS/cm Water temperature: 17.0°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	pH	6.1	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Specific conductance	10	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<10	µg/L	GE
0	Acetone	<10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.3	µg/L	GE
0	Barium	4.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE

WELL MCB 2 collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	2.0	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	Chlordane	<0.50	µg/L	GE
0	Chloride	1,600	µg/L	GE
0	Chloride	1,620	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<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	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	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	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	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-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-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	<1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE

ANALYTICAL RESULTS

WELL MCB 2 collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,4-Dichlorobenzene	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	3,3'-Dichlorobenzidine	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	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	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 10	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 10	µg/L	MA
2	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
2	Dichloromethane (Methylene chloride)	38	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Dieldrin	< 0.50	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Diethyl phthalate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	GE
0	Dimethoate	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	2,4-Dimethyl phenol	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	Dimethyl phthalate	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	p-Dimethylaminoazobenzene	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	3,3'-Dimethylbenzidine	< 10	µg/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	a,a-Dimethylphenethylamine	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	1,3-Dinitrobenzene	< 10	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrophenol	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0.50	µg/L	GE
0	Endosulfan I	< 0.50	µg/L	GE
0	Endosulfan II	< 0.50	µg/L	GE
0	Endosulfan II	< 0.50	µg/L	GE
0	Endosulfan sulfate	< 0.50	µg/L	GE
0	Endosulfan sulfate	< 0.50	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 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	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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	Hexachlorobenzene	< 10	µg/L	GE
0	Hexachlorobutadiene	< 10	µg/L	GE

WELL MCB 2 collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Hexachlorobutadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	Hexachlorocyclopentadiene	< 10	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.00040	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachlorophene	< 50	µg/L	GE
0	Hexachlorophene	< 50	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	2-Hexanone	< 20	µg/L	GE
0	2-Hexanone	< 20	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	< 10	µg/L	GE
0	Indeno(1,2,3-c,d)pyrene	< 10	µg/L	GE
0	Iodomethane (Methyl Iodide)	< 15	µg/L	GE
0	Iodomethane (Methyl Iodide)	< 15	µg/L	GE
0	Iron	18	µg/L	GE
0	Iron	17	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isobutyl alcohol	< 100	µg/L	GE
0	Isodrin	< 10	µg/L	GE
0	Isodrin	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isophorone	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	GE
0	Isosafrole	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
0	Kepone	< 10	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Lithium	< 5.0	µg/L	GE
0	Magnesium	250	µg/L	GE
0	Magnesium	240	µg/L	GE
0	Manganese	3.9	µg/L	GE
0	Manganese	7.2	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methacrylonitrile	< 50	µg/L	GE
0	Methapyrilene	< 10	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 ethyl ketone	< 10	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	4-Methyl-2-pentanone	< 10	µg/L	GE
0	4-Methyl-2-pentanone	< 10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	< 50	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	3-Methylcholanthrene	< 10	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	2-Methylnaphthalene	< 10	µg/L	GE
0	N-Nitrosodi-n-butylamine	< 10	µg/L	GE
0	N-Nitrosodi-n-butylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodi-propylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodiethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodimethylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosodiphenylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomethylethylamine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosomorpholine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopiperidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	N-Nitrosopyrrolidine	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	Naphthalene	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1,4-Naphthoquinone	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	1-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	2-Naphthylamine	< 10	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nickel	< 4.0	µg/L	GE
0	Nitrate as nitrogen	100	µg/L	GE
0	Nitrate as nitrogen	100	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE

WELL MCB 2 collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	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	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silica	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<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

WELL MCB 2 collected on 02/13/91, laboratory analyses (continued)

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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
1	Tetrachloroethylene	3.8	µg/L	MA
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	23,000	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
0	Total organic halogens	16	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	80	µg/L	GE
0	Total phosphates (as P)	70	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	28	µg/L	GE
2	Trichloroethylene	28	µg/L	GE
2	Trichloroethylene	32	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	8.9	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	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-08	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.7E-08±3.0E-07	µCi/mL	GE
0	Tritium	1.7E-08±3.0E-07	µCi/mL	GE

WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 10:50
Depth to water: 130.94 ft (39.91 m) below TOC pH: 5.2
Water elevation: 219.46 ft (66.89 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 14 µS/cm Water temperature: 15.9°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	3.0	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE

ANALYTICAL RESULTS

WELL MCB 4 collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Antimony	<3.0	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	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	570	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
1	Carbon tetrachloride	4.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	1,580	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	Chloroform	<1.0	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	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	5.2	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	8.3	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
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	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	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 MCB 4 collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	31	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	150	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	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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	180	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE

WELL MCB 4 collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	8.2	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	27	µg/L	GE
2	Tetrachloroethylene	28	µg/L	MA
0	2,3,4,6-Tetrachlorophenol	<10	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	o-Toluidine	<10	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	6.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	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	<10	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	68	µg/L	GE
2	Trichloroethylene	79	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	22	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09±2.3E-09	µCi/mL	GE
0	Total radium	1.5E-09±3.5E-09	µCi/mL	GE
0	Tritium	1.7E-08±3.0E-07	µCi/mL	GE

WELL MCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91
Depth to water: 119.83 ft (36.46 m) below TOC
Water elevation: 219.97 ft (67.05 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 12:05
pH: 6.1
Alkalinity ($CaCO_3$): 4 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	17	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Aramite	<10	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	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE

WELL MCB 5 collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,900	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
2	Carbon tetrachloride	14	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	1,480	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	Chloroform	5.0	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
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	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE

ANALYTICAL RESULTS

WELL MCB 5 collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	9.0	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	Lithium	<5.0	µg/L	GE
0	Magnesium	150	µg/L	GE
0	Manganese	7.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyriene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE

WELL MCB 5 collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silica	7,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	1,570	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	80	µg/L	GE
2	Tetrachloroethylene	80	µg/L	MA
0	2,3,4,6-Tetrachlorophenol	<10	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	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	39,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	348	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)	<0.50	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	<10	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	593	µg/L	GE
2	Trichloroethylene	700	µg/L	MA
0	Trichlorofluoromethane	2.0	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	18	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.0E-06±2.0E-07	µCi/mL	GE

WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 11:25
Depth to water: 148.50 ft (44.85 m) below TOC pH: 12.6
Water elevation: 192.60 ft (58.71 m) msl Alkalinity ($CaCO_3$): 1050 mg/L
Sp. conductance: 4270 µS/cm Water temperature: 17.0°C
Water evacuated before sampling: 10 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	3,710	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	16	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
1	Antimony	3.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	650	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo(a)anthracene	<10	µg/L	GE
0	Benzo(a)pyrene	<10	µg/L	GE
0	Benzo(b)fluoranthene	<10	µg/L	GE
0	Benzo(g,h,i)perylene	<10	µg/L	GE
0	Benzo(k)fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE

WELL MCB 5C collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	66,000	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	<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	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
1	Chromium	26	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	5.3	µg/L	GE
0	Copper	5.8	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	MA
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	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE

WELL MCB 5C collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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
1	Lead	31	µg/L	GE
2	Lithium	1,400	µg/L	GE
0	Magnesium	16	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	11	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
2	Potassium	240,000	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	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	4,560	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	17	µg/L	GE

ANALYTICAL RESULTS

WELL MCB 5O collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Tetrachloroethylene	22	µg/L	MA
0	2,3,4,6-Tetrachlorophenol	<10	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	o-Toluidine	<10	µg/L	GE
2	Total dissolved solids	1.1E+06	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	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
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	176	µg/L	GE
2	Trichloroethylene	188	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	22	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	7.7E-08±4.3E-09	µCi/mL	GE
2	Total radium	7.2E-09±4.4E-09	µCi/mL	GE
0	Tritium	2.4E-06±3.0E-07	µCi/mL	GE

WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 9:35
Depth to water: 116.71 ft (35.57 m) below TOC pH: 5.9
Water elevation: 215.39 ft (65.65 m) msl Alkalinity ($CaCO_3$): 4 mg/L
Sp. conductance: 22 µS/cm Water temperature: 14.1°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
0	pH	6.2	pH	GE
0	Specific conductance	16	µS/cm	GE
0	Acetone	<10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Antimony	<3.0	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	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	990	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	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	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	7.7	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	2-Hexanone	<20	µg/L	GE

WELL MCB 6 collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Iodomethane (Methyl Iodide)	<15	µg/L	GE
0	Iron	18	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Lithium	<5.0	µg/L	GE
0	Magnesium	220	µg/L	GE
2	Manganese	54	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	µg/L	GE
0	Nickel	9.9	µg/L	GE
0	Nitrate as nitrogen	300	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	940	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	<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	32	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
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
0	Trichloroethylene	1.4	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	130	µg/L	GE
0	Tritium	1.4E-06±3.0E-07	µCi/mL	GE

WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 14:20
Depth to water: 139.38 ft (42.48 m) below TOC pH: 6.1
Water elevation: 192.72 ft (58.74 m) msl Alkalinity ($CaCO_3$): 14 mg/L
Sp. conductance: 59 µS/cm Water temperature: 17.8°C
Water evacuated before sampling: 91 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	29	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/l	GE

WELL MCB 6C collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,900	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	2,310	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	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
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	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.00060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE

WELL MCB 6C collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	22	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	Lithium	6.8	µg/L	GE
0	Magnesium	280	µg/L	GE
1	Manganese	32	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 methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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	680	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	3,200	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Pyrrolidine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	32,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	3,350	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MCB 6C collected on 02/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<1.0	µg/L	MA
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	27,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	3.7E-09±2.3E-09	µCi/mL	GE
0	Total radium	1.3E-09±3.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MCB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/13/91 Time: 10:10
Depth to water: 146.38 ft (44.62 m) below TOC pH: 12.9
Water elevation: 191.32 ft (58.32 m) msl Alkalinity ($CaCO_3$): 928 mg/L
Sp. conductance: 5540 µS/cm Water temperature: 18.0°C
Water evacuated before sampling: 12 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	3,410	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Aramite	<10	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	330	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	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	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
2	Calcium	366,000	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	<250	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	GE

WELL MCB 7C collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	5.3	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	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
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	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	110	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	9.3	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE

WELL MCB 7C collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	5.0	µg/L	GE
1	Lithium	60	µg/L	GE
0	Magnesium	11	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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	630	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-oxidu	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
2	Potassium	15,000	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	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	1,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	1,070	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	Tetrachloroethylene	1.1	µg/L	MA
0	2,3,4,6-Tetrachlorophenol	<10	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	o-Toluidine	<10	µg/L	GE
2	Total dissolved solids	892,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	17	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

WELL MCB 7C collected on 02/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.50	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	2.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	10	µg/L	GE
2	Trichloroethylene	9.5	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	7.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.8E-08±1.9E-09	µCi/mL	GE
1	Total radium	4.8E-09±3.8E-09	µCi/mL	GE
0	Tritium	2.1E-06±3.0E-07	µCi/mL	GE

WELL MGA36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 13:00
The well was dry.

WELL MGC 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 15:00
Depth to water: 55.80 ft (17.01 m) below TOC pH: 6.9
Water elevation: 228.30 ft (69.59 m) msl
Sp. conductance: 24 µS/cm Water temperature: 19.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.0E-09±1.3E-09	µCi/mL	EM
0	Nonvolatile beta	1.2E-08±2.2E-09	µCi/mL	EM
2	Tritium	1.1E-02±2.3E-04	µCi/mL	EM

WELL MGC 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 14:50
The well was dry.

WELL MGC 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 14:30
Depth to water: 55.40 ft (16.89 m) below TOC pH: 6.8
Water elevation: 231.20 ft (70.47 m) msl
Sp. conductance: 128 µS/cm Water temperature: 19.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	2.2E-07±3.0E-08	µCi/mL	IT
0	Gross alpha	7.4E-10±1.4E-09	µCi/mL	EM
2	Nonvolatile beta	5.8E-08±6.0E-09	µCi/mL	IT
0	Nonvolatile beta	4.8E-09±1.1E-09	µCi/mL	EM
1	Tritium	1.9E-05±2.0E-06	µCi/mL	IT
2	Tritium	2.3E-05±1.2E-06	µCi/mL	EM

ANALYTICAL RESULTS

WELL MGC19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 14:30
Depth to water: 55.40 ft (16.89 m) below TOC pH: 6.8
Water elevation: 231.20 ft (70.47 m) msl
Sp. conductance: 128 µS/cm Water temperature: 19.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Gross alpha	1.0E-07 ± 1.0E-08	µCi/mL	IT
0	Gross alpha	2.0E-09 ± 1.0E-09	µCi/mL	EM
0	Nonvolatile beta	1.8E-08 ± 4.0E-09	µCi/mL	IT
0	Nonvolatile beta	5.8E-09 ± 1.5E-09	µCi/mL	EM
2	Tritium	2.0E-05 ± 2.0E-06	µCi/mL	IT
2	Tritium	2.4E-05 ± 1.2E-06	µCi/mL	EM

WELL MGC23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 14:10
The well was dry.

WELL MGC32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 14:05
Depth to water: 54.50 ft (16.61 m) below TOC pH: 6.8
Water elevation: 243.50 ft (74.22 m) msl
Sp. conductance: 56 µS/cm Water temperature: 21.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	6.9E-10 ± 6.3E-10	µCi/mL	EM
0	Nonvolatile beta	5.0E-09 ± 1.4E-09	µCi/mL	EM
2	Tritium	3.8E-03 ± 4.1E-05	µCi/mL	EM

WELL MGC36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 13:55
Depth to water: 62.00 ft (18.90 m) below TOC pH: 7.1
Water elevation: 234.80 ft (71.51 m) msl
Sp. conductance: 35 µS/cm Water temperature: 20.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Tritium	5.9E-03 ± 1.7E-05	µCi/mL	EM

WELL MGE 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 14:55
The well was dry.

WELL MGE 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 14:20
The well was dry.

WELL MGE 30

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 13:35
Depth to water: 47.00 ft (14.33 m) below TOC pH: 6.3
Water elevation: 235.20 ft (71.69 m) msl
Sp. conductance: 60 µS/cm Water temperature: 19.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	1.8E-09 ± 2.0E-09	µCi/mL	EM
0	Nonvolatile beta	2.2E-09 ± 8.9E-10	µCi/mL	EM
2	Tritium	1.2E-04 ± 2.4E-06	µCi/mL	EM

WELL MGE 34

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 13:45
The well was dry.

WELL MGG15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 14:30
The well was dry.

WELL MGG19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/19/91 Time: 14:25
The well was dry.

WELL MGG23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 14:15
The well was dry.

WELL MGG28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 13:30
The well was dry.

WELL MGG36

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 13:25
Depth to water: 56.40 ft (17.19 m) below TOC pH: 7.5
Water elevation: 234.80 ft (71.57 m) msl
Sp. conductance: 38 µS/cm Water temperature: 19.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	6.7E-10 ± 6.1E-10	µCi/mL	EM
0	Nonvolatile beta	8.7E-10 ± 8.4E-10	µCi/mL	EM
2	Tritium	2.6E-01 ± 1.6E-03	µCi/mL	EM

WELL MSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91 Time: 15:50
Depth to water: 148.90 ft (45.39 m) below TOC
Water elevation: 205.90 ft (62.76 m) msl
The well pumped dry before all field parameters were collected.

WELL MSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91 Time: 13:35
Depth to water: 150.33 ft (45.82 m) below TOC pH: 5.6
Water elevation: 204.47 ft (62.32 m) msl Alkalinity ($CaCO_3$): 16 mg/L
Sp. conductance: 32 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 169 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	24	µS/cm	GE
0	Aluminum	25	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,990	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	56	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	370	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	920	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	10,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	173	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	222	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	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09 ± 2.7E-09	µCi/mL	GE
0	Total activity	6.6E-07 ± 1.0E-06	µCi/mL	EM
0	Total radium	2.0E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	9.4E-07 ± 4.0E-07	µCi/mL	GE

WELL MSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91 Time: 16:00
Depth to water: 142.28 ft (43.37 m) below TOC
Water elevation: 212.82 ft (64.87 m) msl
The well pumped dry before all field parameters were collected.

WELL MSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 14:05
Depth to water: 142.65 ft (43.48 m) below TOC pH: 12.1
Water elevation: 212.45 ft (64.76 m) msl Alkalinity ($CaCO_3$): 578 mg/L
Sp. conductance: 2700 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 26 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	2,990	µS/cm	GE
2	Aluminum	3,500	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	290	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	170,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,140	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	14	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	240	µg/L	GE
0	Iron	35	µg/L	GE
1	Lead	34	µg/L	GE
0	Magnesium	14	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.0	µg/L	GE
0	Nitrate as nitrogen	4,780	µg/L	GE
0	Phenols	14	µg/L	GE
2	Potassium	66,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	78,000	µg/L	GE
0	Sulfate	11,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	28	µg/L	GE
0	Toluene	83	µg/L	GE
2	Total dissolved solids	628,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	30	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	30	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	39	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	7.1E-08 ± 1.8E-08	µCi/mL	GE
0	Total activity	9.2E-07 ± 1.0E-06	µCi/mL	EM
0	Total radium	1.8E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 1CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91 Time 15:55
Depth to water: 140.27 ft (42.75 m) below TOC
Water elevation: 214.83 ft (65.42 m) msl
The well pumped dry before all field parameters were collected.

ANALYTICAL RESULTS

WELL MSB 1CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91
Depth to water: 140.75 ft (42.90 m) below TOC
Water elevation: 214.15 ft (65.27 m) msl
Sp. conductance: 258 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.

Time: 13:35
pH: 7.4
Alkalinity ($CaCO_3$): 80 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.8	pH	GE
0	pH	7.8	pH	GE
1	Specific conductance	280	µS/cm	GE
1	Specific conductance	281	µS/cm	GE
0	Aluminum	33	µg/L	GE
0	Aluminum	40	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	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
1	Calcium	21,000	µg/L	GE
1	Calcium	20,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,060	µg/L	GE
0	Chloride	4,030	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	7.0	µg/L	GE
0	Chromium	6.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	34	µg/L	GE
0	Iron	32	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,400	µg/L	GE
0	Magnesium	1,300	µg/L	GE
2	Manganese	72	µg/L	GE
2	Manganese	69	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	10	µg/L	GE
0	Nickel	10	µg/L	GE
1	Nitrate as nitrogen	8,020	µg/L	GE
1	Nitrate as nitrogen	7,480	µg/L	GE

WELL MSB 1CC collected on 03/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,600	µg/L	GE
0	Potassium	1,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silica	8,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	29,000	µg/L	GE
1	Sodium	29,000	µg/L	GE
0	Sulfate	5,310	µg/L	GE
0	Sulfate	5,260	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	33	µg/L	GE
2	Tetrachloroethylene	35	µg/L	GE
0	Toluene	8.0	µg/L	GE
0	Toluene	8.0	µg/L	GE
0	Total dissolved solids	133,000	µg/L	GE
0	Total dissolved solids	144,000	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	44	µg/L	GE
0	Total organic halogens	45	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	3.0	µg/L	GE
0	1,1,1-Trichloroethane	3.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	29	µg/L	GE
2	Trichloroethylene	30	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	120	µg/L	GE
0	Zinc	110	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.5E-09 ± 3.3E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	8.4E-07 ± 1.0E-06	µCi/mL	EM
1	Total radium	2.6E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	1.5E-09 ± 3.6E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	1.6E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91
Depth to water: 127.48 ft (38.86 m) below TOC
Water elevation: 227.42 ft (69.32 m) msl
Sp. conductance: 98 µS/cm
Water evacuated before sampling: 58 gal

Time: 15:30
pH: 6.3
Alkalinity ($CaCO_3$): 22 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	59	µS/cm	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,400	µg/L	GE
0	Carbon tetr chloride	<1.0	µg/L	GE
0	Chloride	1,740	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE

WELL MSB 1D collected on 02/03/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	810	µg/L	GE
1	Manganese	30	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	3,070	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	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE
0	Sulfate	7,740	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	58,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	2,190	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	26	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	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 activity	2.3E-06±1.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.5E-06±3.0E-07	µCi/mL	GE

WELL MSB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91
Depth to water: 146.70 ft (44.71 m) below TOC
Water elevation: 207.90 ft (63.37 m) msl
Sp. conductance: 893 µS/cm
Water evacuated before sampling: 42 gal
The well went dry during purging.

Time: 10:40
pH: 11.8
Alkalinity ($CaCO_3$): 196 mg/L
Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
2	pH	11	pH	GE
1	Specific conductance	315	µS/cm	GE
1	Specific conductance	316	µS/cm	GE
2	Aluminum	1,300	µg/L	GE
2	Aluminum	1,300	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	3.0	µg/L	GE
0	Barium	25	µg/L	GE
0	Barium	26	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<500	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<500	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<500	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<500	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	24,000	µg/L	GE
1	Calcium	25,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<500	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chloride	1,910	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<500	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<500	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<500	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<500	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<500	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<500	µg/L	GE
0	Chromium	<4.0	µg/L	GE

WELL MSB 2B collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<500	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<500	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<500	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<500	µg/L	GE
0	1,1-Dichloroethylene	1.0	µg/L	GE
0	1,1-Dichloroethylene	<500	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<500	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	<500	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<500	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<500	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<500	µg/L	GE
0	Fluoride	280	µg/L	GE
0	Fluoride	260	µg/L	GE
0	Iron	7.0	µg/L	GE
0	Iron	7.1	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	50	µg/L	GE
0	Magnesium	51	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	380	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
2	Potassium	15,000	µg/L	GE
2	Potassium	16,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	44,000	µg/L	GE
1	Sodium	45,000	µg/L	GE
0	Sulfate	16,800	µg/L	GE
0	Sulfate	18,200	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<500	µg/L	GE
2	Tetrachloroethylene	1,400	µg/L	GE
2	Tetrachloroethylene	1,700	µg/L	GE
0	Toluene	32	µg/L	GE
0	Toluene	<500	µg/L	GE
0	Total dissolved solids	205,000	µg/L	GE
0	Total dissolved solids	208,000	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	2,170	µg/L	GE
2	Total organic halogens	2,400	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<500	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<500	µg/L	GE
2	Trichloroethylene	4,300	µg/L	GE
2	Trichloroethylene	4,300	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<500	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	15	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	1.4E-08±8.2E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08±7.9E-09	µCi/mL	GE
0	Total activity	1.4E-08±1.1E-06	µCi/mL	EM
1	Total radium	3.2E-09±3.8E-09	µCi/mL	GE
0	Total radium	1.6E-09±3.3E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 Time: 11:05
Depth to water: 140.64 ft (42.87 m) below TOC pH: 11.9
Water elevation: 214.06 ft (65.25 m) msl Alkalinity ($CaCO_3$): 189 mg/L
Sp. conductance: 921 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
2	Specific conductance	810	µS/cm	GE
2	Aluminum	600	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	62	µg/L	GE
0	Benzene	2.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,450	µg/L	GE
0	Chlorobenzene	4.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.9	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
2	1,1-Dichloroethylene	21	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	9.0	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	26	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	10,200	µg/L	GE
0	Phenols	25	µg/L	GE
2	Potassium	66,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	52,000	µg/L	GE
0	Sulfate	9,810	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	14,000	µg/L	GE
0	Toluene	<2,500	µg/L	GE
1	Total dissolved solids	283,000	µg/L	GE
1	Total organic carbon	8,000	µg/L	GE
2	Total organic halogens	86,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	81,000	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	8.8	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	6.8E-08 ± 1.2E-08	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	<7.0E-07	µCi/mL	GE

WELL MSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 14:25
Depth to water: 125.70 ft (38.31 m) below TOC
Water elevation: 228.10 ft (69.53 m) msl
The well pumped dry before all field parameters were collected.

WELL MSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 17:00
Depth to water: 125.44 ft (38.23 m) below TOC pH: 5.8
Water elevation: 228.36 ft (69.60 m) msl Alkalinity ($CaCO_3$): 12 mg/L
Sp. conductance: 81 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	78	µS/cm	GE
0	Aluminum	24	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,280	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	4.0	µg/L	GE
0	Copper	7.6	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	39	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,000	µg/L	GE
2	Manganese	69	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	4,250	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	710	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,200	µg/L	GE
0	Sulfate	1,160	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	429	µg/L	GE
0	Toluene	2.0	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	422	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	2.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	371	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	43	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 2.7E-09	µCi/mL	GE
0	Total activity	6.0E-06 ± 1.1E-06	µCi/mL	EM
1	Total radium	3.9E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	1.8E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91
Depth to water: 153.63 ft (46.83 m) below TOC
Water elevation: 207.37 ft (63.21 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 169 gal
Time: 15:05
pH: 5.9
Alkalinity ($CaCO_3$): 10 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
0	pH	8.0	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Specific conductance	23	µS/cm	GE
0	Aluminum	40	µg/L	GE
0	Aluminum	52	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.2	µg/L	GE
0	Barium	8.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	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	6,700	µg/L	GE
0	Calcium	7,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,180	µg/L	GE
0	Chloride	2,180	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	4.0	µg/L	GE
0	Copper	4.5	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	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	87	µg/L	GE
0	Iron	89	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	360	µg/L	GE
0	Magnesium	390	µg/L	GE
0	Manganese	24	µg/L	GE
1	Manganese	26	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	550	µg/L	GE
0	Nitrate as nitrogen	550	µg/L	GE

WELL MSB 3B collected on 01/29/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Potassium	1,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,800	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,900	µg/L	GE
0	Sodium	4,000	µg/L	GE
0	Sulfate	2,600	µg/L	GE
0	Sulfate	2,470	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	78	µg/L	GE
2	Tetrachloroethylene	74	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
0	Total dissolved solids	35,000	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	550	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	1,200	µg/L	GE
2	Trichloroethylene	1,200	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	9.9	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	2.3E-09 ± 2.4E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	-4.0E-09 ± 9.8E-07	µCi/mL	EM
0	Total radium	1.2E-09 ± 2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/30/91
Depth to water: 145.45 ft (44.33 m) below TOC
Water elevation: 215.35 ft (65.64 m) msl
Sp. conductance: 604 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.
Time: 11:50
pH: 11.4
Alkalinity ($CaCO_3$): 132 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	362	µS/cm	GE
2	Aluminum	590	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	54	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	9,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,080	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	2.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 3C collected on 01/30/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	180	µg/L	GE
0	Iron	9.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	47	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	7,840	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	26,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	58,000	µg/L	GE
0	Sulfate	15,700	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	2,500	µg/L	GE
0	Toluene	59	µg/L	GE
0	Total dissolved solids	218,000	µg/L	GE
1	Total organic carbon	6,000	µg/L	GE
2	Total organic halogens	4,480	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	2.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	3,300	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	5.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-08±8.9E-09	µCi/mL	GE
0	Total activity	9.4E-07±1.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.8E-08±4.0E-07	µCi/mL	GE

WELL MSB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91
Depth to water: 133.18 ft (40.59 m) below TOC
Water elevation: 227.34 ft (69.29 m) msl
Sp. conductance: 94 µS/cm
Water evacuated before sampling: 55 gal

Time: 13:25
pH: 6.1
Alkalinity ($CaCO_3$): 20 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	81	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
1	Benzene	3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,100	µg/L	GE
2	Carbon tetrachloride	11	µg/L	GE
0	Chloride	3,280	µg/L	GE
0	Chlorobenzene	14	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	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	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	490	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

WELL MSB 3D collected on 01/29/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	2,870	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	18,000	µg/L	GE
0	Sulfate	4,640	µg/L	GE
0	1,1,2,2-Tetrachloroethane	23	µg/L	GE
2	Tetrachloroethylene	170,000	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	76,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	1.0E+07	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	12	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	78,000	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	14	µg/L	GE
0	Gross alpha	3.6E-09±1.8E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09±2.8E-09	µCi/mL	GE
0	Total activity	2.5E-08±1.0E-08	µCi/mL	EM
0	Total radium	1.8E-09±2.2E-09	µCi/mL	GE
0	Tritium	1.8E-08±3.0E-07	µCi/mL	GE

WELL MSB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/14/91
Depth to water: 132.70 ft (40.45 m) below TOC
Water elevation: 227.80 ft (69.43 m) msl
Sp. conductance: 81 µS/cm
Water evacuated before sampling: 66 gal

Time: 13:20
pH: 5.8
Alkalinity ($CaCO_3$): 13 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Acenaphthene	<100	µg/L	GE
0	Acenaphthene	<100	µg/L	GE
0	Acenaphthylene	<100	µg/L	GE
0	Acenaphthylene	<100	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<100	µg/L	GE
0	Aldrin	<100	µg/L	GE
0	Aluminum	20	µg/L	GE
0	Aluminum	24	µg/L	GE
0	Anthracene	<100	µg/L	GE
0	Anthracene	<100	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Barium	10	µg/L	GE
0	Benzene	<1,000	µg/L	GE
0	Benzene	<25,000	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.50	µg/L	GE
0	Lindane	<100	µg/L	GE
0	Lindane	<100	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<100	µg/L	GE
0	alpha-Benzene hexachloride	<100	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<100	µg/L	GE
0	beta-Benzene hexachloride	<100	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<100	µg/L	GE
0	delta-Benzene hexachloride	<100	µg/L	GE
0	Benzidine	<500	µg/L	GE
0	Benzidine	<500	µg/L	GE
0	Benzo[a]anthracene	<100	µg/L	GE
0	Benzo[a]anthracene	<100	µg/L	GE
0	Benzo[a]pyrene	<100	µg/L	GE
0	Benzo[a]pyrene	<100	µg/L	GE
0	Benzo[b]fluoranthene	<100	µg/L	GE
0	Benzo[b]fluoranthene	<100	µg/L	GE
0	Benzo[g,h,i]perylene	<100	µg/L	GE
0	Benzo[g,h,i]perylene	<100	µg/L	GE
0	Benzo[k]fluoranthene	<100	µg/L	GE
0	Benzo[k]fluoranthene	<100	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(2-chloroethoxy) methane	<100	µg/L	GE
0	Bis(2-chloroethoxy) methane	<100	µg/L	GE
0	Bis(2-chloroethyl) ether	<100	µg/L	GE
0	Bis(2-chloroethyl) ether	<100	µg/L	GE
0	Bis(2-chloroisopropyl) ether	<100	µg/L	GE

WELL MSB 3D collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bis(2-chloroisopropyl) ether	<100	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<100	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<100	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1,000	µg/L	GE
0	Bromodichloromethane	<25,000	µg/L	GE
0	Bromoform	<1,000	µg/L	GE
0	Bromoform	<25,000	µg/L	GE
0	Bromomethane (Methyl bromide)	<1,000	µg/L	GE
0	Bromomethane (Methyl bromide)	<25,000	µg/L	GE
0	4-Bromophenyl phenyl ether	<100	µg/L	GE
0	4-Bromophenyl phenyl ether	<100	µg/L	GE
0	Butylbenzyl phthalate	<100	µg/L	GE
0	Butylbenzyl phthalate	<100	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Carbon tetrachloride	<1,000	µg/L	GE
0	Carbon tetrachloride	<25,000	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chlordane	<100	µg/L	GE
0	Chlordane	<100	µg/L	GE
0	para-Chloro-meta-cresol	<100	µg/L	GE
0	para-Chloro-meta-cresol	<100	µg/L	GE
0	Chlorobenzene	<1,000	µg/L	GE
0	Chlorobenzene	<25,000	µg/L	GE
0	Chloroethane	<1,000	µg/L	GE
0	Chloroethane	<25,000	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1,000	µg/L	GE
0	Chloroethene (Vinyl chloride)	<25,000	µg/L	GE
0	2-Chloroethyl vinyl ether	<1,000	µg/L	GE
0	2-Chloroethyl vinyl ether	<25,000	µg/L	GE
0	2-Chloroethyl vinyl ether	<100	µg/L	GE
0	2-Chloroethyl vinyl ether	<100	µg/L	GE
0	Chloroform	<1,000	µg/L	GE
0	Chloroform	<25,000	µg/L	GE
0	Chloromethane (Methyl chloride)	<1,000	µg/L	GE
0	Chloromethane (Methyl chloride)	<25,000	µg/L	GE
0	2-Chloronaphthalene	<100	µg/L	GE
0	2-Chloronaphthalene	<100	µg/L	GE
0	2-Chlorophenol	<100	µg/L	GE
0	2-Chlorophenol	<100	µg/L	GE
0	4-Chlorophenyl phenyl ether	<100	µg/L	GE
0	4-Chloropnenyl phenyl ether	<100	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<100	µg/L	GE
0	Chrysene	<100	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<100	µg/L	GE
0	p,p'-DDD	<100	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<100	µg/L	GE
0	p,p'-DDE	<100	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<100	µg/L	GE
0	p,p'-DDT	<100	µg/L	GE
0	Di-n-butyl phthalate	<100	µg/L	GE
0	Di-n-butyl phthalate	<100	µg/L	GE
0	Di-n-octyl phthalate	<100	µg/L	GE
0	Di-n-octyl phthalate	<100	µg/L	GE
0	Dibenz[a,h]anthracene	<100	µg/L	GE
0	Dibenz[a,h]anthracene	<100	µg/L	GE
0	Dibromochloromethane	<1,000	µg/L	GE
0	Dibromochloromathane	<25,000	µg/L	GE
0	3,3'-Dichlorobenzidine	<100	µg/L	GE
0	3,3'-Dichlorobenzidine	<100	µg/L	GE
0	1,1-Dichloroethane	<1,000	µg/L	GE
0	1,1-Dichloroethane	<25,000	µg/L	GE
0	1,2-Dichloroethane	<1,000	µg/L	GE
0	1,2-Dichloroethane	<25,000	µg/L	GE
0	trans-1,2-Dichloroethene	<1,000	µg/L	GE
0	trans-1,2-Dichloroethene	<25,000	µg/L	GE
0	1,1-Dichloroethylene	<1,000	µg/L	GE
0	1,1-Dichloroethylene	<25,000	µg/L	GE
0	Dichloromethane (Methylene chloride)	<6,000	µg/L	GE
0	Dichloromethane (Methylene chloride)	<84,000	µg/L	GE
0	2,4-Dichlorophenol	<100	µg/L	GE
0	2,4-Dichlorophenol	<100	µg/L	GE
0	1,2-Dichloropropane	<1,000	µg/L	GE
0	1,2-Dichloropropane	<25,000	µg/L	GE
0	cis-1,3-Dichloropropene	<1,000	µg/L	GE
0	cis-1,3-Dichloropropene	<25,000	µg/L	GE
0	trans-1,3-Dichloropropene	<1,000	µg/L	GE
0	trans-1,3-Dichloropropene	<25,000	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<100	µg/L	GE
0	Dieldrin	<100	µg/L	GE
0	Diethyl phthalate	<100	µg/L	GE

WELL MSB 3D collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Diethyl phthalate	<100	µg/L	GE
0	2,4-Dimethyl phenol	<100	µg/L	GE
0	2,4-Dimethyl phenol	<100	µg/L	GE
0	Dimethyl phthalate	<100	µg/L	GE
0	Dimethyl phthalate	<100	µg/L	GE
0	2,4-Dinitrophenol	<500	µg/L	GE
0	2,4-Dinitrophenol	<500	µg/L	GE
0	2,4-Dinitrotoluene	<100	µg/L	GE
0	2,4-Dinitrotoluene	<100	µg/L	GE
0	2,6-Dinitrotoluene	<100	µg/L	GE
0	2,6-Dinitrotoluene	<100	µg/L	GE
0	1,2-Diphenylhydrazine	<100	µg/L	GE
0	1,2-Diphenylhydrazine	<100	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<100	µg/L	GE
0	Endosulfan sulfate	<100	µg/L	GE
0	alpha-Endosulfan	<100	µg/L	GE
0	alpha-Endosulfan	<100	µg/L	GE
0	beta-Endosulfan	<100	µg/L	GE
0	beta-Endosulfan	<100	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.50	µg/L	GE
0	Endrin	<100	µg/L	GE
0	Endrin	<100	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<100	µg/L	GE
0	Endrin aldehyde	<100	µg/L	GE
0	Ethylbenzene	<1,000	µg/L	GE
0	Ethylbenzene	<25,000	µg/L	GE
0	Fluoranthene	<100	µg/L	GE
0	Fluoranthene	<100	µg/L	GE
0	Fluorene	<100	µg/L	GE
0	Fluorene	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor	<100	µg/L	GE
0	Heptachlor	<100	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<100	µg/L	GE
0	Heptachlor epoxide	<100	µg/L	GE
0	Hexachlorobenzene	<100	µg/L	GE
0	Hexachlorobenzene	<100	µg/L	GE
0	Hexachlorobutadiene	<100	µg/L	GE
0	Hexachlorobutadiene	<100	µg/L	GE
0	Hexachlorocyclopentadiene	<100	µg/L	GE
0	Hexachlorocyclopentadiene	<100	µg/L	GE
0	Hexachloroethane	<100	µg/L	GE
0	Hexachloroethane	<100	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<100	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<100	µg/L	GE
0	Isophorone	<100	µg/L	GE
0	Isophorone	<100	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	8.0	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	<10	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<500	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<500	µg/L	GE
0	N-Nitrosodi-propylamine	<100	µg/L	GE
0	N-Nitrosodi-propylamine	<100	µg/L	GE
0	N-Nitrosodimethylamine	<100	µg/L	GE
0	N-Nitrosodimethylamine	<100	µg/L	GE
0	N-Nitrosodiphenylamine	<100	µg/L	GE
0	N-Nitrosodiphenylamine	<100	µg/L	GE
0	Naphthalene	<100	µg/L	GE
0	Naphthalene	<100	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrobenzene	<100	µg/L	GE
0	Nitrobenzene	<100	µg/L	GE
0	2-Nitrophenol	<100	µg/L	GE
0	2-Nitrophenol	<100	µg/L	GE
0	4-Nitrophenol	<100	µg/L	GE
0	4-Nitrophenol	<100	µg/L	GE
0	PCB 1016	<1,500	µg/L	GE
0	PCB 1016	<1,500	µg/L	GE
0	PCB 1221	<1,500	µg/L	GE
0	PCB 1221	<1,500	µg/L	GE
0	PCB 1232	<1,500	µg/L	GE
0	PCB 1232	<1,500	µg/L	GE
0	PCB 1242	<1,500	µg/L	GE
0	PCB 1242	<1,500	µg/L	GE
0	PCB 1248	<1,500	µg/L	GE
0	PCB 1248	<1,500	µg/L	GE
0	PCB 1254	<1,500	µg/L	GE
0	PCB 1254	<1,500	µg/L	GE
0	PCB 1260	<1,500	µg/L	GE
0	PCB 1260	<1,500	µg/L	GE
0	Pentachlorophenol	<100	µg/L	GE
0	Pentachlorophenol	<100	µg/L	GE
0	Phenanthrene	<100	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 3D collected on 02/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Phenanthrene	<100	µg/L	GE
0	Phenol	<100	µg/L	GE
0	Phenol	<100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Pyrene	<100	µg/L	GE
0	Pyrene	<100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<25,000	µg/L	GE
2	Tetrachloroethylene	560,000	µg/L	GE
2	Tetrachloroethylene	570,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	<1,000	µg/L	GE
0	Toluene	<25,000	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<10	µg/L	GE
0	Toxaphene	<100	µg/L	GE
0	Toxaphene	<100	µg/L	GE
0	1,2,4-Trichlorobenzene	<100	µg/L	GE
0	1,2,4-Trichlorobenzene	<100	µg/L	GE
0	1,1,1-Trichloroethane	<1,000	µg/L	GE
0	1,1,1-Trichloroethane	<25,000	µg/L	GE
0	1,1,2-Trichloroethane	<1,000	µg/L	GE
0	1,1,2-Trichloroethane	<25,000	µg/L	GE
2	Trichloroethylene	160,000	µg/L	GE
2	Trichloroethylene	140,000	µg/L	GE
0	Trichlorofluoromethane	<1,000	µg/L	GE
0	Trichlorofluoromethane	<25,000	µg/L	GE
0	2,4,6-Trichlorophenol	<100	µg/L	GE
0	2,4,6-Trichlorophenol	<100	µg/L	GE
0	Zinc	17	µg/L	GE
0	Zinc	22	µg/L	GE

WELL MSB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91
Depth to water: 151.04 ft (46.04 m) below TOC
Water elevation: 204.26 ft (62.26 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 174 gal

Time: 13:15
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.5	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Specific conductance	19	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	26	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.3	µg/L	GE
0	Barium	5.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<50	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<50	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<50	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<50	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Calcium	990	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<50	µg/L	GE
0	Chloride	2,180	µg/L	GE
0	Chloride	2,200	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<50	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<50	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<50	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<50	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<50	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<50	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE

WELL MSB 4B collected on 01/31/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<50	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<50	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<50	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<50	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<50	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	<50	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<50	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<50	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<50	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	5.0	µg/L	GE
0	Magnesium	340	µg/L	GE
0	Magnesium	320	µg/L	GE
0	Manganese	16	µg/L	GE
0	Manganese	14	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	640	µg/L	GE
0	Nitrate as nitrogen	680	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	7,800	µg/L	GE
0	Silica	8,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<50	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
0	Tetrachloroethylene	<50	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<50	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	808	µg/L	GE
2	Total organic halogens	820	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<50	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<50	µg/L	GE
2	Trichloroethylene	380	µg/L	GE
2	Trichloroethylene	390	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	11	µg/L	GE
0	Zinc	16	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 3.4E-09	µCi/mL	GE
0	Total activity	2.7E-07 ± 9.8E-07	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.5E-07 ± 2.0E-07	µCi/mL	GE
0	Tritium	8.0E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 — Time: 10:20
Depth to water: 143.72 ft (43.81 m) below TOC — pH: 7.9
Water elevation: 211.48 ft (64.46 m) msl — Alkalinity ($CaCO_3$): 57 mg/L
Sp. conductance: 231 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 31 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.2	pH	GE
0	Specific conductance	152	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	56	µg/L	GE
0	Benzene	<50	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<50	µg/L	GE
0	Bromoform	<50	µg/L	GE
0	Bromomethane (Methyl bromide)	<50	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	24,000	µg/L	GE
0	Carbon tetrachloride	<50	µg/L	GE
0	Chloride	3,010	µg/L	GE
0	Chlorobenzene	<50	µg/L	GE
0	Chloroethane	<50	µg/L	GE
0	Chloroethene (Vinyl chloride)	<50	µg/L	GE
0	2-Chloroethyl vinyl ether	<50	µg/L	GE
0	Chloroform	<50	µg/L	GE
0	Chloromethane (Methyl chloride)	<50	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	<50	µg/L	GE
0	1,1-Dichloroethane	<50	µg/L	GE
0	1,2-Dichloroethane	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<50	µg/L	GE
0	1,1-Dichloroethylene	<50	µg/L	GE
0	Dichloromethane (Methylene chloride)	<500	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<50	µg/L	GE
0	cis-1,3-Dichloropropene	<50	µg/L	GE
0	trans-1,3-Dichloropropene	<50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<50	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	3,400	µg/L	GE
2	Manganese	71	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	12,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE
0	Sulfate	1,520	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<50	µg/L	GE
2	Tetrachloroethylene	1,300	µg/L	GE
0	Toluene	<50	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	8,600	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	<50	µg/L	GE
0	1,1,2-Trichloroethane	<50	µg/L	GE
2	Trichloroethylene	1,300	µg/L	GE
0	Trichlorofluoromethane	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	110	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.4E-09 ± 2.9E-09	µCi/mL	GE
0	Total activity	3.6E-07 ± 1.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 — Time: 14:00
Depth to water: 129.47 ft (39.46 m) below TOC — pH: 4.9
Water elevation: 226.13 ft (68.93 m) msl — Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 104 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 46 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	53	µS/cm	GE
1	Aluminum	150	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	25	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	5.2	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	43	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Magnesium	1,300	µg/L	GE
1	Manganese	45	µg/L	GE
1	Mercury	1.0	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	6.8	µg/L	GE
1	Nitrate as nitrogen	8,900	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sulfate	13,900	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	81	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
2	Total organic halogens	222	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	190	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	17	µg/L	GE
1	Gross alpha	7.5E-09 ± 3.3E-09	µCi/mL	GE
0	Nonvolatile beta	5.8E-09 ± 3.9E-09	µCi/mL	GE
0	Total activity	2.3E-08 ± 1.1E-08	µCi/mL	EM
1	Total radium	3.8E-09 ± 3.9E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 — Time: 15:00
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 109 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 26 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/27/91 — Time: 11:05
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 113 µS/cm — Water temperature: 16.5°C
Water evacuated before sampling: 26 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	pH	5.6	pH	GE
0	Specific conductance	82	µS/cm	GE
0	Specific conductance	82	µS/cm	GE
0	Aluminum	61	µg/L	GE
0	Aluminum	58	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.2	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	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	2,100	µg/L	GE
0	Calcium	2,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,420	µg/L	GE
0	Chloride	2,440	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	40	µg/L	GE
0	Copper	38	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
1	1,1-Dichloroethylene	6.0	µg/L	GE
1	1,1-Dichloroethylene	6.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE

WELL MSB 5A collected on 01/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	18	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	360	µg/L	GE
0	Magnesium	330	µg/L	GE
0	Manganese	7.0	µg/L	GE
0	Manganese	6.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	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
2	Nitrate as nitrogen	10,800	µg/L	GE
2	Nitrate as nitrogen	10,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silica	7,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	17,000	µg/L	GE
0	Sodium	16,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	23	µg/L	GE
2	Tetrachloroethylene	23	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	93,000	µg/L	GE
0	Total dissolved solids	99,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	39	µg/L	GE
0	Total organic halogens	42	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	5.0	µg/L	GE
0	1,1,1-Trichloroethane	5.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	31	µg/L	GE
2	Trichloroethylene	32	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	58	µg/L	GE
0	Zinc	58	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08 ± 4.7E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 4.4E-09	µCi/mL	GE
1	Total radium	2.8E-09 ± 3.9E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	1.8E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	1.9E-06 ± 3.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91 — Time: 14:55
Depth to water: Not available — pH: 5.3
Water elevation: Not available — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 102 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 27 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE

WELL MSB 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/27/91
Depth to water: 140.60 ft (42.86 m) below TOC
Water elevation: 204.90 ft (62.45 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 193 gal
Time: 11:45
pH: 5.5
Alkalinity ($CaCO_3$): 5 mg/L
Water temperature: 17.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	pH	6.2	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Specific conductance	18	µS/cm	GE
0	Aluminum	40	µg/L	GE
0	Aluminum	31	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.1	µg/L	GE
0	Barium	7.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,040	µg/L	GE
0	Chloride	2,000	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	4.6	µg/L	GE
0	Chromium	4.4	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
2	Dichloromethane (Methylene chloride)	6.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	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	22	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	250	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Manganese	15	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE
0	Nitrate as nitrogen	330	µg/L	GE

WELL MSB 5B collected on 01/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	12,000	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,700	µg/L	GE
0	Sodium	2,700	µg/L	GE
0	Sulfate	1,480	µg/L	GE
0	Sulfate	1,340	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	5,000	µg/L	GE
0	Total dissolved solids	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	27	µg/L	GE
0	Total organic halogens	28	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	14	µg/L	GE
2	Trichloroethylene	10	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	16	µg/L	GE
0	Zinc	20	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	-2.8E-08 ± 1.0E-06	µCi/mL	EM
0	Total radium	1.4E-09 ± 3.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/27/91
Depth to water: 125.97 ft (38.40 m) below TOC
Water elevation: 219.73 ft (66.97 m) msl
Sp. conductance: 1364 µS/cm
Water evacuated before sampling: 16 gal
The well went dry during purging.
Time: 16:20
pH: 11.6
Alkalinity ($CaCO_3$): 266 mg/L
Water temperature: 17.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
2	Specific conductance	1,030	µS/cm	GE
2	Aluminum	2,500	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	60	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,840	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.3	µg/L	GE
0	Copper	4.6	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	2.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE

ANALYTICAL RESULTS

WELL MSC 5C collected on 01/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	160	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	18	µg/L	GE
0	Magnesium	22	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	8.5	µg/L	GE
1	Nitrate as nitrogen	5,600	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	110,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	100,000	µg/L	GE
0	Sulfate	90,700	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	62	µg/L	GE
0	Toluene	44	µg/L	GE
2	Total dissolved solids	480,000	µg/L	GE
2	Total organic carbon	13,000	µg/L	GE
2	Total organic halogens	166	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	2.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	8.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	7.9E-08 ± 1.6E-08	µCi/mL	GE
0	Total activity	-2.9E-07 ± 1.1E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91
Depth to water: 121.32 ft (36.98 m) below TOC
Water elevation: 222.58 ft (67.84 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 28 gal
Time: 15:55
pH: 5.5
Alkalinity ($CaCO_3$): 4 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/27/91
Depth to water: 121.14 ft (36.92 m) below TOC
Water elevation: 222.78 ft (67.90 m) msl
Sp. conductance: 40 µS/cm
Water evacuated before sampling: 28 gal
Time: 13:00
pH: 5.4
Alkalinity ($CaCO_3$): 5 mg/L
Water temperature: 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Aluminum	63	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	490	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	6.5	µg/L	GE
0	Cyanide	<5.0	µg/L	GE

WELL MSB 6A collected on 01/27/91, laboratory analyses (continued)

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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	94	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	150	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	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	8,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	43,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	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 ± 3.3E-09	µCi/mL	GE
0	Tritium	2.3E-06 ± 3.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91
Depth to water: 121.63 ft (37.07 m) below TOC
Water elevation: 222.27 ft (67.75 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 27 gal
Time: 15:20
pH: 5.3
Alkalinity ($CaCO_3$): 8 mg/L
Water temperature: 17.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/27/91
Depth to water: 140.80 ft (42.92 m) below TOC
Water elevation: 204.50 ft (62.33 m) msl
Sp. conductance: 63 µS/cm
Water evacuated before sampling: 309 gal
Time: 13:50
pH: 6.6
Alkalinity ($CaCO_3$): 18 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Aluminum	38	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,300	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

WELL MSB 6B collected on 01/27/91, laboratory analyses (continued)

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	4.3	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	390	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	1,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,700	µg/L	GE
0	Sulfate	1,200	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	27,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	1,890	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
2	Trichloroethylene	1,900	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	15	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09±2.7E-09	µCi/mL	GE
0	Total activity	6.8E-08±1.1E-06	µCi/mL	EM
0	Total radium	1.0E-09±2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/27/91 — Time: 17:15
Depth to water: 123.97 ft (37.79 m) below TOC — pH: 11.6
Water elevation: 220.23 ft (67.13 m) msl — Alkalinity ($CaCO_3$): 197 mg/L
Sp. conductance: 1423 µS/cm — Water temperature: 17.0°C
Water evacuated before sampling: 15 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
2	Specific conductance	890	µS/cm	GE
2	Aluminum	470	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	170	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	21,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,820	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	4.5	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	4.0	µg/L	GE

WELL MSB 6C collected on 01/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Magnesium	59	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	4.3	µg/L	GE
2	Nitrate as nitrogen	29,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	81,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	110,000	µg/L	GE
0	Sulfate	2,500	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
0	Toluene	17	µg/L	GE
2	Total dissolved solids	494,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	88	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	5.0	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	Uranium	<1,000	µg/L	GE
0	Zinc	5.6	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	1.1E-07±1.8E-08	µCi/mL	GE
0	Total activity	1.4E-08±1.1E-08	µCi/mL	EM
2	Total radium	5.3E-09±3.6E-09	µCi/mL	GE
0	Tritium	9.2E-07±2.0E-07	µCi/mL	GE

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 15:15
Depth to water: 120.20 ft (36.64 m) below TOC — pH: 4.9
Water elevation: 224.30 ft (68.37 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 54 µS/cm — Water temperature: 16.6°C
Water evacuated before sampling: 32 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	49	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,420	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	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	580	µg/L	GE
0	Manganese	19	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 7A collected on 01/21/91, laboratory analyses (continued)

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	2,970	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	8,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	43,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	19	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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	4.4	µg/L	GE
0	Gross alpha	2.3E-09 ± 1.3E-09	µCi/mL	GE
0	Nonvolatile beta	4.6E-09 ± 2.2E-09	µCi/mL	GE
0	Total radium	1.9E-09 ± 2.0E-09	µCi/mL	GE
0	Tritium	2.5E-06 ± 3.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 — Time: 14:15
Depth to water: 140.15 ft (42.72 m) below TOC — pH: 11.4
Water elevation: 204.05 ft (62.20 m) msl — Alkalinity ($CaCO_3$): 197 mg/L
Sp. conductance: 698 µS/cm — Water temperature: 16.4°C
Water evacuated before sampling: 36 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
0	Specific conductance	22	µS/cm	GE
1	Aluminum	220	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	54	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	25,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,040	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	6.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	180	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	2,840	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	8,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	26,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	13,000	µg/L	GE
0	Sulfate	4,810	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	11	µg/L	GE

WELL MSB 7B collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Toluene	8.0	µg/L	GE
0	Total dissolved solids	172,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	184	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	52	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	4.4	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	9.9E-09 ± 3.2E-09	µCi/mL	GE
0	Total activity	3.5E-07 ± 1.2E-08	µCi/mL	EM
0	Total radium	1.0E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 — Time: 14:35
Depth to water: 125.89 ft (38.37 m) below TOC — pH: 7.8
Water elevation: 218.71 ft (66.66 m) msl — Alkalinity ($CaCO_3$): 67 mg/L
Sp. conductance: 713 µS/cm — Water temperature: 15.6°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Aluminum	90	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	61	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	15,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,060	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
1	1,1-Dichloroethylene	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	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Magnesium	3,500	µg/L	GE
1	Manganese	31	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	67,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	32,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	93,000	µg/L	GE
0	Sulfate	1,130	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	23	µg/L	GE
0	Toluene	<1.0	µg/L	GE
2	Total dissolved solids	497,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	38	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	7.0	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

WELL MSB 7C collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Zinc	3.6	µg/L	GE
0	Gross alpha	4.6E-09 ± 3.6E-09	µCi/mL	GE
2	Nonvolatile beta	7.2E-08 ± 8.2E-09	µCi/mL	GE
0	Total activity	2.5E-08 ± 1.3E-08	µCi/mL	EM
2	Total radium	7.2E-09 ± 4.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 14:40
The well was dry.

WELL MSB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 16:25
Depth to water: 138.41 ft (42.19 m) below TOC pH: 5.2
Water elevation: 205.49 ft (62.63 m) msl Alkalinity ($CaCO_3$): 4 mg/L
Sp. conductance: 28 µS/cm Water temperature: 16.1°C
Water evacuated before sampling: 156 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Aluminum	33	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,540	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	480	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	930	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	36,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	1,060	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	74,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	6,830	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	21	µg/L	GE
0	Trichlorofluoromethane	<1.0	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	Nonvolatile beta	2.8E-09 ± 2.0E-09	µCi/mL	GE

WELL MSB 8B collected on 01/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total activity	1.1E-07 ± 1.3E-08	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 17:05
Depth to water: 127.29 ft (38.80 m) below TOC pH: 5.4
Water elevation: 216.71 ft (66.05 m) msl Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 171 µS/cm Water temperature: 16.8°C
Water evacuated before sampling: 67 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	155	µS/cm	GE
0	Aluminum	58	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	38	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,190	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
2	1,1-Dichloroethylene	16	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	3,400	µg/L	GE
1	Manganese	33	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	14,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	23,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	17,000	µg/L	GE
0	Sulfate	4,370	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	210	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
2	Total organic halogens	13,400	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	17	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	84	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	19	µg/L	GE
0	Gross alpha	2.4E-09 ± 1.1E-09	µCi/mL	GE
0	Nonvolatile beta	6.4E-09 ± 1.7E-09	µCi/mL	GE
0	Total activity	5.2E-07 ± 1.3E-06	µCi/mL	EM
2	Total radium	5.6E-09 ± 2.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 13:35
Depth to water: 151.45 ft (46.16 m) below TOC — pH: 6.4
Water elevation: 207.95 ft (63.38 m) msl — Alkalinity ($CaCO_3$): 16 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 15.1°C
Water evacuated before sampling: 182 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	pH	6.7	pH	IT
0	Specific conductance	62	µS/cm	GE
0	Specific conductance	55	µS/cm	IT
0	Aluminum	<20	µg/L	GE
0	Aluminum	<10	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.1	µg/L	GE
0	Barium	5.8	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<5	µg/L	IT
0	Calcium	3,400	µg/L	GE
0	Calcium	3,530	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,250	µg/L	GE
0	Chloride	2,080	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	4.4	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	12	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	6.0	µg/L	GE
0	Iron	<5.0	µg/L	IT
0	Lead	3.0	µg/L	GE
0	Lead	2.5	µg/L	IT
0	Magnesium	330	µg/L	GE
0	Magnesium	330	µg/L	IT
0	Manganese	3.2	µg/L	GE
0	Manganese	3.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	290	µg/L	GE
0	Nitrate as nitrogen	230	µg/L	IT

WELL MSB 9A collected on 01/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	14,000	µg/L	GE
0	Silica	14,100	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,800	µg/L	GE
0	Sodium	1,540	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	3,400	µg/L	GE
2	Tetrachloroethylene	3,100	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	58,000	µg/L	GE
0	Total dissolved solids	43,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
2	Total organic halogens	2,100	µg/L	GE
2	Total organic halogens	2,220	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	23	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	1,800	µg/L	GE
2	Trichloroethylene	1,300	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<75	µg/L	IT
2	Zinc	8,900	µg/L	GE
2	Zinc	8,250	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 13:35
Depth to water: 151.45 ft (46.16 m) below TOC — pH: 6.4
Water elevation: 207.95 ft (63.38 m) msl — Alkalinity ($CaCO_3$): 16 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 15.1°C
Water evacuated before sampling: 182 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	pH	6.7	pH	GE
0	pH	6.6	pH	IT
0	Specific conductance	58	µS/cm	GE
0	Specific conductance	60	µS/cm	GE
0	Specific conductance	65	µS/cm	IT
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<10	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.1	µg/L	GE
0	Barium	4.5	µg/L	GE
0	Barium	5.1	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<100	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<100	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<100	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<100	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE

WELL MSB 9A collected on 01/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,900	µg/L	GE
0	Calcium	3,100	µg/L	GE
0	Calcium	3,200	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<100	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,150	µg/L	GE
0	Chloride	2,150	µg/L	GE
0	Chloride	2,070	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<100	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<100	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<100	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<100	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<100	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<100	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<100	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<100	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<100	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	13	µg/L	GE
0	trans-1,2-Dichloroethene	<100	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	1.0	µg/L	GE
0	1,1-Dichloroethylene	<100	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<100	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<100	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<100	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<100	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<100	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	<4.0	µg/L	GE
0	Iron	9.0	µg/L	GE
0	Iron	6.9	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	2.2	µg/L	IT
0	Magnesium	280	µg/L	GE
0	Magnesium	310	µg/L	GE
0	Magnesium	306	µg/L	IT
0	Manganese	2.5	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Manganese	2.7	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	290	µg/L	GE
0	Nitrate as nitrogen	280	µg/L	GE

WELL MSB 9A collected on 01/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	240	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	12,000	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silica	13,100	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,400	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sodium	1,470	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	3,300	µg/L	GE
2	Tetrachloroethylene	3,400	µg/L	GE
2	Tetrachloroethylene	3,100	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<100	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	50,000	µg/L	GE
0	Total dissolved solids	52,000	µg/L	GE
0	Total dissolved solids	40,000	µg/L	IT
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	IT
2	Total organic halogens	6,850	µg/L	GE
2	Total organic halogens	8,080	µg/L	GE
2	Total organic halogens	2,230	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	23	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<100	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<100	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	1,700	µg/L	GE
2	Trichloroethylene	1,800	µg/L	GE
2	Trichloroethylene	1,400	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<100	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<75	µg/L	IT
2	Zinc	5,200	µg/L	GE
2	Zinc	5,600	µg/L	GE
2	Zinc	5,100	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-08	µCi/mL	IT
0	Total radium	1.8E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

ANALYTICAL RESULTS

WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 15:50
Depth to water: 132.03 ft (40.24 m) below TOC — pH: 9.4
Water elevation: 227.57 ft (69.36 m) msl — Alkalinity ($CaCO_3$): 15 mg/L
Sp. conductance: 185 µS/cm — Water temperature: 15.8°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.6	pH	GE
0	Specific conductance	180	µS/cm	GE
1	Aluminum	140	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	32	µg/L	GE
1	Benzene	3.0	µg/L	GE
0	Lindane	<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
2	Calcium	31,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,000	µg/L	GE
0	Chlorobenzene	7.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	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	trans-1,2-Dichloroethene	1,700	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Ethylbenzene	4.0	µg/L	GE
0	Fluoride	140	µg/L	GE
0	Iron	6.3	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	1,900	µg/L	GE
0	Manganese	2.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<1.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	7,520	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	6,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	18,000	µg/L	GE
0	Sulfate	2,420	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	51,000	µg/L	GE
0	Toluene	4.0	µg/L	GE
0	Total dissolved solids	105,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
2	Total organic halogens	48,300	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<1.0	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	28,000	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	62	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.3E-09 ± 1.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.0E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 14:40
Depth to water: Not available — pH: 3.9
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 235 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 19 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.1	pH	GE
1	Specific conductance	250	µS/cm	GE
2	Aluminum	6,900	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	41	µg/L	GE
2	Benzene	9.0	µg/L	GE
0	Lindane	<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	2,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	6,000	µg/L	GE
0	Chlorobenzene	19	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	7.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	52	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	8.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	2.0	µg/L	GE
2	1,1-Dichloroethylene	38	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	510	µg/L	GE
0	Iron	99	µg/L	GE
1	Lead	28	µg/L	GE
0	Magnesium	580	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	15	µg/L	GE
2	Nitrate as nitrogen	27,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	22,000	µg/L	GE
0	Sulfate	1,200	µg/L	GE
0	1,1,2,2-Tetrachloroethane	24	µg/L	GE
2	Tetrachloroethylene	150,000	µg/L	GE
0	Toluene	3.0	µg/L	GE
0	Total dissolved solids	134,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	95,800	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<1.0	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	28	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	83,000	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	130	µg/L	GE
2	Gross alpha	6.3E-08 ± 4.5E-09	µCi/mL	GE
2	Nonvolatile beta	5.5E-08 ± 4.0E-09	µCi/mL	GE
2	Total radium	8.7E-08 ± 7.1E-09	µCi/mL	GE
0	Tritium	1.4E-08 ± 3.0E-07	µCi/mL	GE
0	Uranium-234	5.8E-09 ± 1.9E-09	µCi/mL	IT
0	Uranium-235	5.0E-09 ± 1.7E-09	µCi/mL	IT
0	Uranium-238	5.6E-09 ± 1.8E-09	µCi/mL	IT

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 — Time: 13:00
Depth to water: 148.48 ft (44.64 m) below TOC — pH: 5.8
Water elevation: 208.54 ft (63.56 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 238 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	pH	5.6	pH	GE
0	Specific conductance	16	µS/cm	GE
0	Specific conductance	16	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	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	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,110	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	9.1	µg/L	GE
0	Iron	7.6	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Magnesium	260	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	270	µg/L	GE
0	Nitrate as nitrogen	270	µg/L	GE

WELL MSB 10A collected on 01/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	13,000	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	7,000	µg/L	GE
0	Total dissolved solids	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	18	µg/L	GE
2	Trichloroethylene	21	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	39	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	<2.0E-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 MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 — Time: 13:40
Depth to water: 145.14 ft (44.24 m) below TOC — pH: 5.1
Water elevation: 209.56 ft (63.87 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 17.0°C
Water evacuated before sampling: 158 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Aluminum	41	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,190	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	4.4	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 10B collected on 01/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	830	µg/L	GE
0	Manganese	5.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Silica	42,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,100	µg/L	GE
0	Sulfate	10,900	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	11	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	74	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	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	1.2E-09±2.3E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91
Depth to water: 130.46 ft (39.76 m) below TOC
Water elevation: 225.54 ft (68.75 m) msl
Sp. conductance: 348 µS/cm
Water evacuated before sampling: 105 gal

Time: 13:40
pH: 8.9
Alkalinity ($CaCO_3$): 47 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
1	Specific conductance	312	µS/cm	GE
0	Aluminum	110	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	210	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	35,000	µg/L	GE
2	Carbon tetrachloride	15	µg/L	GE
0	Chloride	3,970	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	4.0	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
2	1,1-Dichloroethylene	9.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	130	µg/L	GE
0	Iron	40	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Magnesium	5,500	µg/L	GE
2	Manganese	81	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	27,200	µg/L	GE

WELL MSB 10C collected on 01/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,400	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	13,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	22	µg/L	GE
2	Tetrachloroethylene	41,300	µg/L	GE
0	Toluene	3.0	µg/L	GE
1	Total dissolved solids	270,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	39,800	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	18	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	52,500	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	6.1	µg/L	GE
1	Gross alpha	1.2E-08±3.8E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-08±4.9E-09	µCi/mL	GE
2	Total radium	2.3E-09±4.4E-09	µCi/mL	GE
0	Tritium	8.8E-07±2.0E-07	µCi/mL	GE

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91
Depth to water: 154.45 ft (47.08 m) below TOC
Water elevation: 210.45 ft (64.15 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 210 gal

Time: 11:00
pH: 5.9
Alkalinity ($CaCO_3$): 7 mg/L
Water temperature: 16.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	pH	6.3	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Specific conductance	29	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Aluminum	<20	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	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,500	µg/L	GE
0	Calcium	3,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,070	µg/L	GE
0	Chloride	2,090	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE

WELL MSB 11A collected on 01/04/91, laboratory analyses (continued)

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	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	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	10	µg/L	GE
0	Iron	9.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Manganese	2.3	µg/L	GE
0	Manganese	2.1	µg/L	GE
0	Mercury	0.59	µg/L	GE
0	Mercury	0.59	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	190	µg/L	GE
0	Nitrate as nitrogen	190	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	15,000	µg/L	GE
0	Silica	16,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	8.0	µg/L	GE
2	Trichloroethylene	8.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	99	µg/L	GE
0	Zinc	100	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.3E-09±2.9E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 Time: 10:40
Depth to water: 148.44 ft (45.25 m) below TOC pH: 8.1
Water elevation: 216.36 ft (65.95 m) msl Alkalinity ($CaCO_3$): 31 mg/L
Sp. conductance: 29 µS/cm Water temperature: 17.4°C
Water evacuated before sampling: 146 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	28	µS/cm	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	Lindane	<0.010	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,110	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	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	340	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	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	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	5.0	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
2	Total organic halogens	165	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	370	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	94	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 — Time: 9:55
Depth to water: 147.20 ft (44.87 m) below TOC — pH: 4.9
Water elevation: 217.70 ft (66.36 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 67 µS/cm — Water temperature: 16.2°C
Water evacuated before sampling: 106 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	61	µS/cm	GE
0	Aluminum	62	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,900	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	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	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	1,500	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
1	Nitrate as nitrogen	5,540	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	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,700	µg/L	GE
0	Sulfate	1,130	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	28	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	42,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	35,000	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	1,1,2-Trichloroethane	29	µg/L	GE
2	Trichloroethylene	777,000	µg/L	GE
0	Trichlorofluoromethane	<1.0	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	Nonvolatile beta	5.8E-09 ± 3.2E-09	µCi/mL	GE
2	Total radium	5.7E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 — Time: 9:35
Depth to water: 138.02 ft (42.07 m) below TOC — pH: 5.4
Water elevation: 227.18 ft (69.25 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 17.1°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	24	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	Lindane	<0.010	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,570	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	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	120	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	<4.0	µg/L	GE
0	Nitrate as nitrogen	890	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,000	µg/L	GE
0	Sulfate	1,340	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	41	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	19,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	412	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	1,040	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	14	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 2.8E-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 11E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 — Time: 10:50
The well was dry

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 — Time: 11:15
Depth to water: Not available — pH: 4.4
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 39 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 22 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
0	Specific conductance	40	µS/cm	GE
2	Aluminum	280	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	Lindane	<0.010	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	950	µg/L	GE
1	Carbon tetrachloride	4.0	µg/L	GE
0	Chloride	3,050	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	450	µg/L	GE
0	Manganese	9.5	µg/L	GE
0	Mercury	0.38	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,270	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	6,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sulfate	3,790	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	2,150	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
2	Total organic halogens	6,090	µg/L	GE
1	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	4.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	8,980	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	45	µg/L	GE
0	Gross alpha	7.1E-09 ± 2.6E-09	µCi/mL	GE
0	Nonvolatile beta	4.5E-09 ± 3.2E-09	µCi/mL	GE
2	Total radium	8.0E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 — Time: 12:40
Depth to water: 142.79 ft (43.52 m) below TOC — pH: 4.9
Water elevation: 205.01 ft (62.49 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 16.5°C
Water evacuated before sampling: 234 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	13	µS/cm	GE
0	Aluminum	36	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	Lindane	0.020	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,930	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	77	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	200	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	Nickel	5.8	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	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	41,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	410	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	790	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	53	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91
Depth to water: 134.36 ft (40.95 m) below TOC
Water elevation: 214.04 ft (65.24 m) msl
Sp. conductance: 147 µS/cm
Water evacuated before sampling: 152 gal

Time: 13:10
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	4.8	pH	IT
0	Specific conductance	112	µS/cm	GE
0	Specific conductance	128	µS/cm	IT
0	Aluminum	73	µg/L	GE
0	Aluminum	46	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	17	µg/L	GE
0	Barium	22	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,800	µg/L	GE
0	Calcium	4,200	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,730	µg/L	GE
0	Chloride	3,810	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	18	µg/L	GE
0	Copper	13	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	37	µg/L	IT
2	1,1-Dichloroethylene	26	µg/L	GE
2	1,1-Dichloroethylene	19	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	28	µg/L	GE
0	Iron	14	µg/L	IT
0	Lead	5.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,900	µg/L	GE
0	Magnesium	1,760	µg/L	IT
0	Manganese	6.4	µg/L	GE
0	Manganese	5.9	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	13,900	µg/L	GE
2	Nitrate as nitrogen	11,500	µg/L	IT

WELL MSB 12B collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	790	µg/L	GE
0	Potassium	849	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	9,100	µg/L	GE
0	Silica	9,060	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	16,000	µg/L	GE
0	Sodium	14,500	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	2,500	µg/L	GE
2	Tetrachloroethylene	1,800	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	129,000	µg/L	GE
0	Total dissolved solids	81,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
2	Total organic halogens	4,490	µg/L	GE
2	Total organic halogens	2,780	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	33	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	16	µg/L	GE
0	1,1,1-Trichloroethane	12	µg/L	IT
1	1,1,2-Trichloroethane	4.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	7,300	µg/L	GE
2	Trichloroethylene	5,900	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<75	µg/L	IT
0	Zinc	32	µg/L	GE
0	Zinc	29	µg/L	IT
0	Gross alpha	3.4E-09 ± 2.1E-09	µCi/mL	GE
0	Gross alpha	5.1E-09 ± 2.8E-09	µCi/mL	IT
0	Nonvolatile beta	9.7E-09 ± 3.4E-09	µCi/mL	GE
0	Nonvolatile beta	1.5E-08 ± 4.0E-09	µCi/mL	IT
2	Total radium	1.0E-08 ± 4.7E-09	µCi/mL	GE
1	Total radium	2.5E-09 ± 5.0E-10	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91
Depth to water: 134.36 ft (40.95 m) below TOC
Water elevation: 214.04 ft (65.24 m) msl
Sp. conductance: 147 µS/cm
Water evacuated before sampling: 152 gal

Time: 13:10
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	pH	4.8	pH	IT
0	Specific conductance	111	µS/cm	GE
0	Specific conductance	128	µS/cm	IT
0	Aluminum	100	µg/L	GE
0	Aluminum	47	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	20	µg/L	GE
0	Barium	18	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,000	µg/L	GE
0	Calcium	4,210	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	3,880	µg/L	GE
0	Chloride	3,910	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE

WELL MSB 12B collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	18	µg/L	GE
0	Copper	12	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	38	µg/L	IT
2	1,1-Dichloroethylene	27	µg/L	GE
2	1,1-Dichloroethylene	19	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	50	µg/L	GE
0	Iron	29	µg/L	IT
0	Lead	4.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	1,700	µg/L	GE
0	Magnesium	1,760	µg/L	IT
0	Manganese	5.8	µg/L	GE
0	Manganese	5.8	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
2	Nitrate as nitrogen	12,100	µg/L	GE
2	Nitrate as nitrogen	11,700	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	750	µg/L	GE
0	Potassium	696	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	9,100	µg/L	GE
0	Silica	9,040	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	14,000	µg/L	GE
0	Sodium	14,600	µg/L	IT
0	Sulfate	1,770	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	2.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	2,300	µg/L	GE
2	Tetrachloroethylene	2,400	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	124,000	µg/L	GE
0	Total dissolved solids	80,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
2	Total organic halogens	45,300	µg/L	GE
2	Total organic halogens	3,060	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	39	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	14	µg/L	GE
0	1,1,1-Trichloroethane	17	µg/L	IT
1	1,1,2-Trichloroethane	4.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	7,000	µg/L	GE
2	Trichloroethylene	8,000	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Uranium	<1,000	µg/L	GE
0	Uranium	<75	µg/L	IT
0	Zinc	28	µg/L	GE

WELL MSB 12B collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Zinc	26	µg/L	IT
0	Gross alpha	3.5E-09 ± 2.1E-09	µCi/mL	GE
0	Gross alpha	6.4E-09 ± 2.8E-09	µCi/mL	IT
0	Nonvolatile beta	7.6E-09 ± 3.2E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08 ± 3.0E-09	µCi/mL	IT
2	Total radium	5.2E-09 ± 3.4E-09	µCi/mL	GE
1	Total radium	3.8E-09 ± 8.0E-10	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL MSB 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 Time: 14:00
Depth to water: 128.80 ft (39.26 m) below TOC pH: 5.1
Water elevation: 219.10 ft (66.78 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 158 µS/cm Water temperature: 17.1°C
Water evacuated before sampling: 108 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	134	µS/cm	GE
1	Aluminum	130	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	37	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	0.015	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
2	1,1-Dichloroethylene	58	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	53	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	2,600	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
2	Nitrate as nitrogen	13,900	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	930	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	17,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	1,500	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	2,830	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	31	µg/L	GE
1	1,1,2-Trichloroethane	3.0	µg/L	GE
2	Trichloroethylene	4,200	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	270	µg/L	GE
0	Gross alpha	6.2E-09 ± 2.7E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08 ± 3.9E-09	µCi/mL	GE
2	Total radium	8.6E-09 ± 4.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 Time: 14:10
The well was dry.

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 Time: 13:35
Depth to water: 157.78 ft (48.09 m) below TOC pH: 6.0
Water elevation: 190.72 ft (58.13 m) msl Alkalinity ($CaCO_3$): 10 mg/L
Sp. conductance: 35 µS/cm Water temperature: 16.7°C
Water evacuated before sampling: 849 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	pH	6.7	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Aluminum	31	µg/L	GE
0	Aluminum	33	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.6	µg/L	GE
0	Barium	8.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	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	6,400	µg/L	GE
0	Calcium	6,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,830	µg/L	GE
0	Chloride	1,810	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	170	µg/L	GE
0	Magnesium	180	µg/L	GE

WELL MSB 12TA collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Manganese	<2.0	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	700	µg/L	GE
0	Potassium	760	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,400	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	53,000	µg/L	GE
0	Total dissolved solids	51,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	9.5	µg/L	GE
0	Zinc	10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	2.0E-09±2.1E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09±3.4E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09±3.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 12TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 Time: 11:50
Depth to water: 158.08 ft (48.18 m) below TOC pH: 5.3
Water elevation: 190.82 ft (58.16 m) msl Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 24 µS/cm Water temperature: 17.0°C
Water evacuated before sampling: 517 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	Arsenic	<2.0	µg/L	GE
0	Barium	3.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	2,190	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE

WELL MSB 12TB collected on 01/22/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Copper	4.1	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	210	µg/L	GE
0	Lead	21	µg/L	GE
0	Magnesium	230	µg/L	GE
0	Manganese	9.2	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	70	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	1,270	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	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 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	<5.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	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
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91
Depth to water: 137.95 ft (42.05 m) below TOC
Water elevation: 207.25 ft (63.17 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 203 gal
Time: 14:35
pH: 5.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.6°C

LABORATORY ANALYSES

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

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/02/91
Depth to water: 141.25 ft (43.05 m) below TOC
Water elevation: 203.95 ft (62.16 m) msl
Sp. conductance: 27 µS/cm
Water evacuated before sampling: 194 gal
Time: 15:35
pH: 4.8
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.2	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Aluminum	27	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	1,990	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE

WELL MSB 13A collected on 02/02/91, laboratory analyses (continued)

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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	4.1	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	630	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	18,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	15,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	103	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	280	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	32	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE
2	Uranium-234	3.6E-06 ± 5.0E-09	µCi/mL	IT
0	Uranium-235	8.4E-09 ± 2.2E-09	µCi/mL	IT
0	Uranium-238	6.3E-09 ± 2.0E-09	µCi/mL	IT

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91
Depth to water: 142.93 ft (43.57 m) below TOC
Water elevation: 202.27 ft (61.65 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 190 gal
Time: 15:50
pH: 4.8
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

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

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91
Depth to water: 151.44 ft (46.16 m) below TOC
Water elevation: 194.16 ft (59.18 m) msl
Sp. conductance: 3000 µS/cm
Water evacuated before sampling: 2 gal
The well went dry during purging.
Time: 14:15
pH: 12.6
Alkalinity ($CaCO_3$): 667 mg/L
Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Chromium	31	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/02/91 Time: 15:05
Depth to water: 150.54 ft (45.89 m) below TOC pH: 12.3
Water elevation: 195.06 ft (59.46 m) msl Alkalinity ($CaCO_3$): 667 mg/L
Sp. conductance: 2940 µS/cm Water temperature: 19.6°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	Aluminum	66	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	470	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	67,000	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
1	Chromium	33	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Iron	<4.0	µg/L	GE
2	Lead	92	µg/L	GE
0	Magnesium	17	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nickel	5.2	µg/L	GE
2	Nitrate as nitrogen	18,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	53,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	39,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	38	µg/L	GE
0	Toluene	2.0	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
1	Total organic halogens	56	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	28	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	43	µg/L	GE
0	Uranium	<1.0E-08	µCi/mL	GE
1	Uranium-234	2.1E-08 ± 4.0E-09	µCi/mL	IT
0	Uranium-235	3.4E-09 ± 1.4E-09	µCi/mL	IT
0	Uranium-238	3.2E-09 ± 1.4E-09	µCi/mL	IT

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91 Time: 15:35
Depth to water: 151.88 ft (46.29 m) below TOC pH: 12.2
Water elevation: 193.74 ft (59.05 m) msl Alkalinity ($CaCO_3$): 675 mg/L
Sp. conductance: 2810 µS/cm Water temperature: 17.6°C
Water evacuated before sampling: 1 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	Chromium	38	µg/L	GE
0	Phenols	20	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 Time 11:00
The well was dry.

WELL MSB 13CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 11:45
Inaccessibility or pump failure prevented sample collection.

WELL MSB 13CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 14:50
Depth to water: 125.91 ft (38.38 m) below TOC pH: 7.4
Water elevation: 220.99 ft (67.36 m) msl Alkalinity ($CaCO_3$): 81 mg/L
Sp. conductance: 308 µS/cm Water temperature: 18.6°C
Water evacuated before sampling: 9 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.7	pH	GE
1	Specific conductance	311	µS/cm	GE
0	Aluminum	27	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	25,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,990	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	5.3	µg/L	GE
0	Copper	4.1	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	45	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	550	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	20	µg/L	GE
1	Nitrate as nitrogen	9,360	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	890	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	32,000	µg/L	GE
0	Sulfate	14,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	15	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Toluene	2.0	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	25	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	19	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	330	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-08 ± 5.2E-09	µCi/mL	GE
0	Total activity	1.3E-06 ± 1.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 13CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/22/91 — Time: 8:55
Depth to water: 125.38 ft (38.22 m) below TOC — pH: 5.9
Water elevation: 221.52 ft (67.52 m) msl — Alkalinity ($CaCO_3$): 20 mg/L
Sp. conductance: 284 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 — Time: 10:05
Depth to water: 123.07 ft (37.51 m) below TOC — pH: 6.5
Water elevation: 224.63 ft (68.47 m) msl — Alkalinity ($CaCO_3$): 39 mg/L
Sp. conductance: 340 µS/cm — Water temperature: 16.4°C
Water evacuated before sampling: 17 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	203	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	3.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	500	µg/L	GE
1	Manganese	29	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.2	µg/L	GE
2	Nitrate as nitrogen	23,700	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	55,000	µg/L	GE
0	Sulfate	13,900	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	35	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	221,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	51	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	9.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	33	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	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.6E-08 ± 8.6E-09	µCi/mL	GE

WELL MSB 13D collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total activity	9.9E-07 ± 1.0E-08	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	9.0E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91 — Time: 9:55
Depth to water: 134.75 ft (41.07 m) below TOC — pH: 4.8
Water elevation: 213.55 ft (65.09 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 169 µS/cm — Water temperature: 17.1°C
Water evacuated before sampling: 181 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	142	µS/cm	GE
0	Aluminum	57	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	49	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<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	9,200	µg/L	GE
0	Carbon tetrachloride	2.0	µg/L	GE
0	Chloride	4,130	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
1	1,1-Dichloroethylene	4.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	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	Magnesium	3,300	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<1.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	16,300	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	610	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	10,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	515	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	101,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	1,610	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<1.0	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	2,310	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	8.1	µg/L	GE
0	Gross alpha	4.7E-09 ± 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08 ± 3.0E-09	µCi/mL	GE
2	Total radium	7.7E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91 — Time: 9:40
Depth to water: 133.46 ft (40.68 m) below TOC — pH: 4.9
Water elevation: 215.24 ft (65.61 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 166 µS/cm — Water temperature: 17.2°C
Water evacuated before sampling: 70 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	149	µS/cm	GE
0	Aluminum	46	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	47	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,100	µg/L	GE
2	Carbon tetrachloride	6.0	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	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
2	1,1-Dichloroethylene	9.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	3,200	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
2	Nitrate as nitrogen	16,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
r	Potassium	590	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	105	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	90	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	6.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	108	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	29	µg/L	GE
0	Gross alpha	3.8E-09 ± 1.9E-09	µCi/mL	GE
0	Nonvolatile beta	5.6E-09 ± 2.7E-09	µCi/mL	GE
2	Total radium	5.9E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91 — Time: 10:05
The well was dry.

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91 — Time: 12:05
Depth to water: 149.34 ft (45.52 m) below TOC — pH: 6.1
Water elevation: 217.88 ft (66.40 m) msl — Alkalinity ($CaCO_3$): 11 mg/L
Sp. conductance: 41 µS/cm — Water temperature: 17.2°C
Water evacuated before sampling: 148 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	pH	6.3	pH	GE
0	Specific conductance	33	µS/cm	GE
0	Specific conductance	34	µS/cm	GE
0	Aluminum	26	µg/L	GE
0	Aluminum	27	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.9	µg/L	GE
0	Barium	5.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	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	4,800	µg/L	GE
0	Calcium	4,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,380	µg/L	GE
0	Chloride	2,360	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	8.2	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	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	40	µg/L	GE
0	Iron	49	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	370	µg/L	GE
0	Magnesium	390	µg/L	GE
0	Manganese	3.4	µg/L	GE
0	Manganese	2.5	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	940	µg/L	GE
0	Nitrate as nitrogen	920	µg/L	GE

WELL MSB 15A collected on 01/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	7,700	µg/L	GE
0	Silica	9,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	159	µg/L	GE
2	Tetrachloroethylene	291	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	27,000	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
2	Total organic halogens	3,460	µg/L	GE
2	Total organic halogens	3,550	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	8,800	µg/L	GE
2	Trichloroethylene	5,570	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	17	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	1.8E-09±3.1E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.3E-07±2.0E-07	µCi/mL	GE
0	Tritium	7.9E-07±2.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91
Depth to water: 156.85 ft (47.75 m) below TOC
Water elevation: 212.85 ft (64.88 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 184 gal
Time: 12:20
pH: 5.7
Alkalinity ($CaCO_3$): 6 mg/L
Water temperature: 17.7°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	5.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,300	µg/L	GE
0	Chloride	2,600	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
0	1,1-Dichloroethylene	<2.0	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	42	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	240	µg/L	GE
0	Manganese	2.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	33,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Total dissolved solids	37,000	µg/L	GE

WELL MSB 15AA collected on 01/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	46	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	100	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 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/06/91
Depth to water: 123.21 ft (37.55 m) below TOC
Water elevation: 243.39 ft (74.19 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.
Time: 9:35
pH: 5.3
Alkalinity ($CaCO_3$): 5 mg/L
Water temperature: 15.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Aluminum	23	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	1,600	µg/L	GE
2	Carbon tetrachloride	11	µg/L	GE
0	Chloride	14,300	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
2	1,1-Dichloroethylene	9.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	24	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	440	µg/L	GE
0	Manganese	<2.0	µg/L	GE
1	Mercury	1.0	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	560	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,900	µg/L	GE
0	Sulfate	123,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	2,070	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
2	Total organic halogens	4,010	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	1,1,1-Trichloroethane	16	µg/L	GE
2	1,1,2-Trichloroethane	12	µg/L	GE
2	Trichloroethylene	45,700	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	12	µg/L	GE
0	Tritium	1.4E-06±9.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 — Time: 9:15
Depth to water: 136.05 ft (41.47 m) below TOC — pH: 5.3
Water elevation: 232.75 ft (70.94 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 16.5°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	640	µg/L	GE
0	Chloride	2,900	µg/L	GE
0	Chloroform	<250	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<250	µg/L	MA
0	1,1-Dichloroethylene	<250	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	18	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	300	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	950	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	384	µg/L	MA
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	5,960	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	<250	µg/L	MA
2	Trichloroethylene	12,400	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	1.3E-08 ± 3.0E-07	µCi/mL	GE

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/24/91 — Time: 14:35
Depth to water: 152.95 ft (46.62 m) below TOC — pH: 5.6
Water elevation: 213.75 ft (65.15 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 14.6°C
Water evacuated before sampling: 138 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	<10	µg/L	GE
0	Chloride	2,240	µg/L	GE
0	Chloroform	<100	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	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	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	1,270	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	7,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	<10	µg/L	GE
0	Sulfate	<1,000	µg/L	GE

WELL MSB 16A collected on 01/24/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Tetrachloroethylene	175	µg/L	MA
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	15,900	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	<100	µg/L	MA
2	Trichloroethylene	9,120	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.0E-08 ± 3.0E-07	µCi/mL	GE

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/24/91 — Time: 13:30
Inaccessibility or pump failure prevented sample collection.

WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 — Time: 14:40
Depth to water: 145.56 ft (44.37 m) below TOC — pH: 4.7
Water elevation: 212.44 ft (64.75 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 189 µS/cm — Water temperature: 17.6°C
Water evacuated before sampling: 152 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	181	µS/cm	GE
0	Aluminum	70	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	33	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11,000	µg/L	GE
2	Carbon tetrachloride	14	µg/L	GE
0	Chloride	4,440	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	4.2	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
2	1,1-Dichloroethylene	20	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	31	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	3,200	µg/L	GE
0	Manganese	8.3	µg/L	GE
0	Mercury	0.59	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	18,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	730	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,000	µg/L	GE
0	Sulfate	1,720	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	230	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	200	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE

WELL MSB 17A collected on 01/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Uranium	<1,000	µg/L	GE
0	Zinc	91	µg/L	GE
0	Gross alpha	4.7E-09±2.6E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08±4.4E-09	µCi/mL	GE
2	Total radium	8.5E-09±2.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 Time: 15:40
Depth to water: 136.62 ft (41.64 m) below TOC pH: 4.6
Water elevation: 221.26 ft (67.45 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 137 µS/cm Water temperature: 17.7°C
Water evacuated before sampling: 95 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	120	µS/cm	GE
1	Aluminum	120	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,030	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	26	µg/L	GE
0	Lead	11	µg/L	GE
0	Magnesium	1,300	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
2	Nitrate as nitrogen	13,600	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	7,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	17,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	208	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
2	Total organic halogens	976	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	2,220	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	13	µg/L	GE
0	Gross alpha	6.4E-09±2.2E-09	µCi/mL	GE
0	Nonvolatile beta	7.2E-09±2.9E-09	µCi/mL	GE
1	Total radium	4.4E-09±2.3E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 17BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 Time: 15:35
Depth to water: 148.79 ft (45.35 m) below TOC pH: 5.8
Water elevation: 210.51 ft (64.16 m) msl Alkalinity ($CaCO_3$): 6 mg/L
Sp. conductance: 94 µS/cm Water temperature: 17.1°C
Water evacuated before sampling: 204 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	70	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	27	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,300	µg/L	GE
0	Chloride	2,710	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	5.7	µg/L	MA
0	1,1-Dichloroethylene	<10	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	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	2,100	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nitrate as nitrogen	8,490	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	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	272	µg/L	MA
0	Total dissolved solids	81,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
2	Total organic halogens	892	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	1,350	µg/L	MA
0	Gross alpha	<2.0E-08	µCi/mL	GE
0	Nonvolatile beta	4.0E-09±2.4E-09	µCi/mL	GE
1	Total radium	3.7E-09±1.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 Time: 14:25
The well was dry.

WELL MSB 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 Time: 15:10
Depth to water: 136.08 ft (41.48 m) below TOC pH: 5.3
Water elevation: 224.12 ft (68.31 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 29 µS/cm Water temperature: 18.4°C
Water evacuated before sampling: 30 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	Specific conductance	24	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	3.1	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	880	µg/L	GE
0	Calcium	800	µg/L	GE
0	Chloride	1,250	µg/L	GE
0	Chloride	1,240	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 17D collected on 01/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	25	µg/L	GE
0	Iron	26	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	330	µg/L	GE
0	Magnesium	300	µg/L	GE
0	Manganese	9.5	µg/L	GE
0	Manganese	8.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,860	µg/L	GE
0	Nitrate as nitrogen	1,860	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silica	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,500	µg/L	GE
0	Sodium	3,100	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	<1,000	µg/L	GE
0	Total dissolved solids	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	1.3	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	1.4E-09 ± 1.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.7E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.7E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: 132.65 ft (40.43 m) below TOC
Water elevation: 207.55 ft (63.26 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 132 gal

Time: 11:45
pH: 4.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	pH	4.9	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	30	µS/cm	GE
0	Aluminum	82	µg/L	GE
0	Aluminum	40	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.8	µg/L	GE
0	Barium	9.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Calcium	1,200	µg/L	GE

WELL MSB 18A collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,410	µg/L	GE
0	Chloride	2,560	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	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	42	µg/L	GE
0	Iron	43	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	720	µg/L	GE
0	Magnesium	720	µg/L	GE
0	Manganese	13	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	4.0	µg/L	GE
0	Nitrate as nitrogen	1,970	µg/L	GE
0	Nitrate as nitrogen	2,010	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	650	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	36,000	µg/L	GE
1	Silica	38,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sulfate	5,610	µg/L	GE
0	Sulfate	6,690	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	10	µg/L	GE
2	Tetrachloroethylene	10	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	83,000	µg/L	GE
0	Total dissolved solids	91,000	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	32	µg/L	GE
0	Total organic halogens	39	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE

WELL MSB 18A collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Trichloroethylene	17	µg/L	GE
2	Trichloroethylene	18	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	8.1	µg/L	GE
0	Zinc	10	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09±3.5E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09±3.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: 124.19 ft (37.85 m) below TOC
Water elevation: 216.11 ft (65.87 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 79 gal
Time: 12:25
pH: 5.4
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	90	µS/cm	GE
0	Aluminum	49	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	22	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	4,230	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-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	30	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
1	1,1-Dichloroethylene	4.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	47	µg/L	GE
0	Iron	38	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	990	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
*	Nitrate as nitrogen	7,490	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,500	µg/L	GE
0	Sulfate	1,020	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	41	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	72,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	20	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	16	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	62	µg/L	GE

WELL MSB 18B collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.9E-09±3.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.0E-06±2.0E-07	µCi/mL	GE

WELL MSB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91
Depth to water: 118.86 ft (36.23 m) below TOC
Water elevation: 221.74 ft (67.59 m) msl
Sp. conductance: 22 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.
Time: 10:35
pH: 5.7
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 10.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,960	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	200	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	480	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	7.5	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	7,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	1,810	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	180	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09±2.8E-09	µCi/mL	GE
0	Total radium	1.4E-09±2.5E-09	µCi/mL	GE
0	Tritium	1.2E-06±2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 — Time: 12:00
Depth to water: 88.07 ft (26.84 m) below TOC — pH: 5.1
Water elevation: 211.43 ft (64.44 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 17.9°C
Water evacuated before sampling: 254 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Specific conductance	20	µS/cm	GE
0	Aluminum	30	µg/L	GE
0	Aluminum	52	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Barium	4.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,590	µg/L	GE
0	Chloride	1,550	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	17	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	340	µg/L	GE
0	Magnesium	360	µg/L	GE
0	Manganese	2.9	µg/L	GE
0	Manganese	2.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,190	µg/L	GE
0	Nitrate as nitrogen	1,180	µg/L	GE

WELL MSB 19A collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	18	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	388	µg/L	GE
2	Total organic halogens	331	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	87	µg/L	GE
2	Trichloroethylene	90	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	20	µg/L	GE
0	Zinc	23	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09±3.6E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09±3.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 — Time: 11:45
Depth to water: 85.77 ft (26.14 m) below TOC — pH: 5.0
Water elevation: 214.13 ft (65.27 m) msl — Alkalinity ($CaCO_3$) 1 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 188 gal

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	4.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	860	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,660	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	9.3	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE

WELL MSB 19B collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	330	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	820	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	56,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.0	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
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 64.58 ft (19.68 m) below TOC
Water elevation: 235.62 ft (71.82 m) msl
Sp. conductance: 105 µS/cm
Water evacuated before sampling: 98 gal
Time: 12:10
pH: 5.2
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	99	µS/cm	GE
0	Aluminum	21	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	3,680	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	75	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	2,600	µg/L	GE
0	Manganese	3.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,670	µg/L	GE

WELL MSB 19C collected on 01/15/91, laboratory analyses (continued)

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	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,700	µg/L	GE
0	Sulfate	34,300	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	90,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	17	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-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	Zinc	150	µg/L	GE
0	Gross alpha	2.4E-09 ± 1.9E-09	µCi/mL	GE
0	Nonvolatile beta	6.5E-09 ± 3.1E-09	µCi/mL	GE
1	Total radium	3.3E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	9.4E-07 ± 2.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: 139.47 ft (42.51 m) below TOC
Water elevation: 214.53 ft (65.39 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 153 gal
Time: 13:45
pH: 6.1
Alkalinity ($CaCO_3$): 5 mg/L
Water temperature: 16.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	pH	6.2	pH	IT
0	Specific conductance	23	µS/cm	GE
0	Specific conductance	31	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	10	µg/L	GE
0	Barium	10	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,600	µg/L	GE
0	Calcium	2,250	µg/L	IT
0	Chloride	1,480	µg/L	GE
0	Chloride	1,550	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	11	µg/L	GE
0	Iron	17	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	410	µg/L	GE
0	Magnesium	352	µg/L	IT
0	Manganese	5.2	µg/L	GE
0	Manganese	4.7	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,270	µg/L	GE
0	Nitrate as nitrogen	1,050	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	5.3	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	10,000	µg/L	GE
0	Silica	8,790	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,500	µg/L	GE
0	Sodium	1,320	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	1,160	µg/L	IT
0	Total dissolved solids	41,000	µg/L	GE
0	Total dissolved solids	30,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT

ANALYTICAL RESULTS

WELL MSB 20A collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Total organic halogens	640	µg/L	GE
2	Total organic halogens	520	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	44	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	3.0E-09 ±2.5E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 Time: 13:45
Depth to water: 139.47 ft (42.51 m) below TOC pH: 6.1
Water elevation: 214.53 ft (65.39 m) msl Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 25 µS/cm Water temperature: 16.3°C
Water evacuated before sampling: 153 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	pH	6.3	pH	IT
0	Specific conductance	25	µS/cm	GE
0	Specific conductance	32	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	14	µg/L	GE
0	Barium	11	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,800	µg/L	GE
0	Calcium	2,340	µg/L	IT
0	Chloride	1,460	µg/L	GE
0	Chloride	1,540	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	74	µg/L	GE
0	Iron	15	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	3.1	µg/L	IT
0	Magnesium	430	µg/L	GE
0	Magnesium	365	µg/L	IT
0	Manganese	5.8	µg/L	GE
0	Manganese	4.9	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,270	µg/L	GE
0	Nitrate as nitrogen	1,060	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	9,800	µg/L	GE
0	Silica	8,960	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,700	µg/L	GE
0	Sodium	1,380	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	43,000	µg/L	GE
0	Total dissolved solids	23,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
2	Total organic halogens	21,800	µg/L	GE
2	Total organic halogens	450	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	29	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT

WELL MSB 20A collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/24/91 Time: 11:40
The well was dry.

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 Time: 16:15
Depth to water: 136.49 ft (41.60 m) below TOC pH: 5.5
Water elevation: 216.91 ft (66.11 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 19 µS/cm Water temperature: 16.0°C
Water evacuated before sampling: 168 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Aluminum	30	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,810	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	4.5	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	50	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	370	µg/L	GE
0	Manganese	5.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,270	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	8,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.0	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

WELL MSB 21A collected on 01/23/91, laboratory analyses (continued)

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

WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 Time: 17:45
Depth to water: 137.45 ft (41.90 m) below TOC pH: 8.1
Water elevation: 217.85 ft (66.40 m) msl Alkalinity ($CaCO_3$): 6 mg/L
Sp. conductance: 25 µS/cm Water temperature: 15.3°C
Water evacuated before sampling: 197 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.5	pH	GE
0	pH	6.5	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Specific conductance	23	µS/cm	GE
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	GE
0	Barium	9.0	µg/L	GE
0	Barium	8.6	µg/L	GE
0	Lindane	< 0.010	µg/L	GE
0	Lindane	< 0.010	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	2,700	µg/L	GE
0	Calcium	2,600	µg/L	GE
0	Chloride	1,910	µg/L	GE
0	Chloride	1,930	µg/L	GE
0	Chloroform	< 5.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 4.0	µg/L	GE
0	trans-1,2-Dichloroethene	36	µg/L	MA
0	1,1-Dichloroethylene	< 5.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	Endrin	< 0.010	µg/L	GE
0	Endrin	< 0.010	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	4.8	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	210	µg/L	GE
0	Magnesium	200	µg/L	GE
0	Manganese	5.6	µg/L	GE
0	Manganese	5.3	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	780	µg/L	GE
0	Nitrate as nitrogen	730	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	7,700	µg/L	GE
0	Silica	7,600	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Tetrachloroethylene	< 5.0	µg/L	MA
0	Total dissolved solids	45,000	µg/L	GE
0	Total dissolved solids	53,000	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	199	µg/L	GE
2	Total organic halogens	150	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 5.0	µg/L	MA
2	Trichloroethylene	215	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 Time: 17:00
Depth to water: 127.97 ft (39.01 m) below TOC pH: 5.2
Water elevation: 225.43 ft (68.71 m) msl Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 20 µS/cm Water temperature: 15.7°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	17	µS/cm	GE
0	Aluminum	23	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	Lindane	< 0.0050	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	750	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	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	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0080	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	55	µg/L	GE
0	Lead	< 3.0	µg/L	GE
0	Magnesium	360	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	4.2	µg/L	GE
0	Nitrate as nitrogen	710	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	< 500	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	7,100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	< 1.0	µg/L	GE
0	Total dissolved solids	23,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Zinc	28	µg/L	GE
0	Gross alpha	2.1E-09 ± 1.7E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 2.7E-09	µCi/mL	GE
1	Total radium	2.6E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE
0	Uranium	< 1.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 — Time: 16:50
Depth to water: 181.73 ft (49.30 m) below TOC — pH: 6.1
Water elevation: 192.97 ft (58.82 m) msl — Alkalinity ($CaCO_3$): 12 mg/L
Sp. conductance: 55 µS/cm — Water temperature: 16.8°C
Water evacuated before sampling: 457 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Aluminum	73	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,910	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	76	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	570	µg/L	GE
0	Manganese	24	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	5.6	µg/L	GE
0	Nitrate as nitrogen	50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	840	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	9,960	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	49,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	3.5E-09 ± 2.1E-09	µCi/mL	GE
0	Nonvolatile beta	6.1E-09 ± 3.1E-09	µCi/mL	GE
2	Total radium	6.2E-09 ± 4.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91 — Time: 12:35
The well was dry.

WELL MSB 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91 — Time: 13:40
The well was dry.

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91 — Time: 13:50
Depth to water: 150.25 ft (45.80 m) below TOC — pH: 5.2
Water elevation: 221.35 ft (67.47 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 132 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	pH	5.7	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Specific conductance	22	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	3.1	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Chloride	2,190	µg/L	GE
0	Chloride	2,160	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	34	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	5.0	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	120	µg/L	GE
0	Magnesium	150	µg/L	GE
0	Manganese	2.3	µg/L	GE
0	Manganese	3.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	210	µg/L	GE
0	Nitrate as nitrogen	210	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	7,100	µg/L	GE
0	Silica	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,200	µg/L	GE
0	Sodium	3,800	µg/L	GE
0	Sulfate	3,940	µg/L	GE
0	Sulfate	3,920	µg/L	GE
2	Tetrachloroethylene	14	µg/L	MA
0	Total dissolved solids	56,000	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
2	Total organic halogens	139	µg/L	GE
2	Total organic halogens	142	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	347	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: 177.13 ft (53.99 m) below TOC
Water elevation: 195.77 ft (59.67 m) msl
Sp. conductance: 29 µS/cm
No water was evacuated before sampling.
Time: 13:25
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	2.4	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: 177.13 ft (53.99 m) below TOC
Water elevation: 195.77 ft (59.67 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 89 gal
Time: 13:55
pH: 5.4
Alkalinity ($CaCO_3$): 5 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MA
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	Tetrachloroethylene	2.3	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: 01/17/91
Depth to water: 177.13 ft (53.99 m) below TOC
Water elevation: 195.77 ft (59.67 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 178 gal
Time: 14:25
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	3.9	µg/L	MA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: 177.13 ft (53.99 m) below TOC
Water elevation: 195.77 ft (59.67 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 267 gal
Time: 14:55
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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: 01/17/91
Depth to water: 177.13 ft (53.99 m) below TOC
Water elevation: 195.77 ft (59.67 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 358 gal
Time: 15:25
pH: 4.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Chloride	2,250	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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
2	Iron	320	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	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	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	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	16,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	14,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.5E-09±3.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/17/91
Depth to water: 146.11 ft (44.53 m) below TOC
Water elevation: 234.09 ft (71.35 m) msl
Sp. conductance: 110 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.
Time: 12:20
pH: 9.8
Alkalinity ($CaCO_3$): 34 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.7	pH	GE
0	Specific conductance	100	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	15,000	µg/L	GE
0	Chloride	<250	µg/L	GE
0	Chromium	9.0	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	Magnesium	260	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	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,500	µg/L	GE
0	Sulfate	<1,000	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	9,430	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 24 collected on 01/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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-08±3.0E-07	µCi/mL	GE

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 — Time: 14:25
Depth to water: 159.25 ft (48.54 m) below TOC — pH: 4.3
Water elevation: 222.35 ft (67.77 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 108 µS/cm — Water temperature: 20.1°C
Water evacuated before sampling: 141 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.5	pH	GE
0	Specific conductance	105	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	31	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,100	µg/L	GE
0	Chloride	2,860	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	18	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	2,900	µg/L	GE
0	Manganese	19	µg/L	GE
0	Mercury	0.38	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nitrate as nitrogen	9,950	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,100	µg/L	GE
0	Sulfate	1,630	µg/L	GE
0	Total dissolved solids	102,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	28,200	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
1	Gross alpha	1.0E-08±3.2E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08±3.9E-09	µCi/mL	GE
2	Total radium	2.6E-08±6.3E-09	µCi/mL	GE
0	Tritium	7.7E-07±2.0E-07	µCi/mL	GE

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 — Time: 11:40
The well was dry.

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 — Time: 12:05
Depth to water: 153.23 ft (46.71 m) below TOC — pH: 4.8
Water elevation: 213.17 ft (64.98 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 140 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	990	µg/L	GE
0	Chloride	2,400	µg/L	GE
0	Chloroform	<50	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<50	µg/L	MA
0	1,1-Dichloroethylene	<50	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE

WELL MSB 25A collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Endrin	<0.0060	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	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	Nitrate as nitrogen	2,060	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	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,000	µg/L	GE
0	Sulfate	2,760	µg/L	GE
2	Tetrachloroethylene	242	µg/L	MA
0	Total dissolved solids	59,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	1,460	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	<50	µg/L	MA
2	Trichloroethylene	3,040	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	1.5E-08±2.0E-07	µCi/mL	GE

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91 — Time: 16:10
Depth to water: Not available — pH: 5.3
Water elevation: Not available — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 27 µS/cm — Water temperature: 17.8°C
Water evacuated before sampling: 15 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	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	890	µg/L	GE
0	Chloride	2,080	µg/L	GE
0	Chloroform	<100	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	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	94	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	260	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	Nitrate as nitrogen	1,120	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	1,310	µg/L	MA
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	4,920	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	<100	µg/L	MA
2	Trichloroethylene	5,850	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±1.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91 Time: 16:30
Depth to water: 139.92 ft (42.65 m) below TOC pH: 5.3
Water elevation: 220.98 ft (67.38 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 23 µS/cm Water temperature: 16.3°C
Water evacuated before sampling: 138 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	250	µg/L	GE
0	Chloride	2,180	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	Magnesium	110	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	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	Silica	6,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,400	µg/L	GE
0	Sulfate	1,190	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	142	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91 Time: 15:55
Depth to water: 148.52 ft (44.66 m) below TOC pH: 5.8
Water elevation: 216.68 ft (66.04 m) msl Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 28 µS/cm Water temperature: 17.0°C
Water evacuated before sampling: 221 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,900	µg/L	GE
0	Chloride	2,350	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	1.4	µg/L	MA
0	1,1-Dichloroethylene	<2.0	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	40	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	200	µg/L	GE
0	Manganese	3.3	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Methoxychlor	<0.50	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	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Total dissolved solids	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	86	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

WELL MSB 26B collected on 01/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	215	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 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 Time: 13:20
Depth to water: 139.32 ft (42.47 m) below TOC pH: 4.6
Water elevation: 236.18 ft (71.99 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 54 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 17 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Chloride	5,200	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	48	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	1,100	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	3,040	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,200	µg/L	GE
0	Sulfate	3,920	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	58,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<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	MA
1	Trichloroethylene	4.3	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	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 Time: 13:30
The well was dry.

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 Time: 13:05
Depth to water: 154.33 ft (47.04 m) below TOC pH: 5.1
Water elevation: 222.47 ft (67.81 m) msl Alkalinity ($CaCO_3$) 2 mg/L
Sp. conductance: 28 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 152 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	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	960	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 27B collected on 01/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloride	2,620	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	270	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	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	8,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,000	µg/L	GE
0	Sulfate	1,870	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	MA
0	Total dissolved solids	54,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	1,340	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	<5.0	µg/L	MA
2	Trichloroethylene	474	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/16/91 — Time: 13:50
Depth to water: 178.26 ft (54.33 m) below TOC — pH: 4.7
Water elevation: 198.34 ft (60.45 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 388 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	730	µg/L	GE
0	Chloride	2,450	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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
2	Iron	610	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	290	µg/L	GE
1	Manganese	41	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	9,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	11,400	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
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)	<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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	2.7E-07 ± 9.9E-07	µCi/mL	EM
1	Total radium	2.5E-09 ± 3.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 — Time: 10:15
Depth to water: 128.46 ft (38.55 m) below TOC — pH: 7.2
Water elevation: 227.94 ft (69.48 m) msl — Alkalinity ($CaCO_3$): 25 mg/L
Sp. conductance: 65 µS/cm — Water temperature: 17.3°C
Water evacuated before sampling: 46 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	pH	7.2	pH	IT
0	Specific conductance	53	µS/cm	GE
0	Specific conductance	65	µS/cm	IT
0	Specific conductance	65	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	<3.0	µg/L	GE
0	Barium	3.1	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	9,400	µg/L	GE
0	Calcium	9,390	µg/L	IT
0	Chloride	2,100	µg/L	GE
0	Chloride	2,130	µg/L	IT
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	38	µg/L	GE
0	Iron	17	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	190	µg/L	GE
0	Magnesium	196	µg/L	IT
0	Manganese	2.7	µg/L	GE
0	Manganese	2.9	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	110	µg/L	GE
0	Nitrate as nitrogen	100	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	11,000	µg/L	GE
0	Silica	11,500	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,500	µg/L	GE
0	Sodium	1,430	µg/L	IT
0	Sulfate	1,210	µg/L	GE
0	Sulfate	1,310	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	6,000	µg/L	GE
0	Total dissolved solids	53,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	7.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	80	µg/L	GE
0	Total phosphates (as P)	114	µg/L	IT
0	Total phosphates (as P)	113	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
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	<1.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total activity	1.5E-06 ± 9.7E-07	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	1.3E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	IT

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 — Time: 10:15
Depth to water: 126.46 ft (38.55 m) below TOC — pH: 7.2
Water elevation: 227.94 ft (69.48 m) msl — Alkalinity ($CaCO_3$): 25 mg/L
Sp. conductance: 65 µS/cm — Water temperature: 17.3°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	pH	7.2	pH	IT
0	Specific conductance	62	µS/cm	GE
0	Specific conductance	67	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	<3.0	µg/L	GE
0	Barium	3.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	11,000	µg/L	GE
0	Calcium	8,920	µg/L	IT
0	Chloride	2,080	µg/L	GE
0	Chloride	2,040	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.46	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	43	µg/L	GE
0	Iron	28	µg/L	IT
0	Lead	4.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	220	µg/L	GE
0	Magnesium	187	µg/L	IT
0	Manganese	3.1	µg/L	GE
0	Manganese	2.8	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	110	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	12,000	µg/L	GE
0	Silica	11,000	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,600	µg/L	GE
0	Sodium	1,340	µg/L	IT
0	Sulfate	1,250	µg/L	GE
0	Sulfate	1,320	µg/L	IT
0	Total dissolved solids	14,000	µg/L	GE
0	Total dissolved solids	70,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	90	µg/L	GE
0	Total phosphates (as P)	121	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.070	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	1.5E-06±3.0E-07	µCi/mL	GE
0	Tritium	1.1E-06±2.0E-07	µCi/mL	IT

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91 — Time: 10:55
Depth to water: 133.14 ft (40.58 m) below TOC — pH: 4.9
Water elevation: 221.06 ft (67.38 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 17.1°C
Water evacuated before sampling: 180 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	17	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	550	µg/L	GE
0	Chloride	2,770	µg/L	GE
0	Chloroform	<50	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<50	µg/L	MA
0	1,1-Dichloroethylene	<50	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	29	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	270	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	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	6,700	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	<50	µg/L	MA
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	1,280	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	<50	µg/L	MA
2	Trichloroethylene	2,350	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09±2.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 — Time: 12:10
Depth to water: Not available — pH: 6.2
Water elevation: Not available — Alkalinity ($CaCO_3$): 10 mg/L
Sp. conductance: 45 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 260 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/02/91 — Time: 13:25
Depth to water: 148.05 ft (45.13 m) below TOC — pH: 6.0
Water elevation: 217.35 ft (66.25 m) msl — Alkalinity ($CaCO_3$): 10 mg/L
Sp. conductance: 46 µS/cm — Water temperature: 19.7°C
Water evacuated before sampling: 258 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	pH	7.0	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Specific conductance	20	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 29A collected on 02/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<10	µg/L	GE
0	Acetone	<10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Aramite	<10	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	19	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,600	µg/L	GE
0	Calcium	5,000	µg/L	GE
0	Carbon disulfide	<1.0	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	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	Chlordane	<0.50	µg/L	GE
0	Chloride	1,490	µg/L	GE
0	Chloride	1,420	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloroaniline	<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	Chlorobenzilate	<10	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE

WELL MSB 29A collected on 02/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	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	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-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-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Dialiate	<10	µg/L	GE
0	Dialiate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	1,2-Dibromoethane	<20	µg/L	GE
0	Dibromomethane (Methylene bromide)	<1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	<1.0	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	GE

WELL MSB 29A collected on 02/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	7,12-Dimethylbenz(a)anthracene	<10	µg/L	GE
0	7,12-Dimethylbenz(a)anthracene	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<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	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	µg/L	GE
0	2-Hexanone	<20	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iron	20	µg/L	GE
0	Iron	25	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Isosafrole	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Kepone	<10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Magnesium	410	µg/L	GE
0	Manganese	20	µg/L	GE
0	Manganese	21	µg/L	GE

WELL MSB 29A collected on 02/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	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 ethyl ketone	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	670	µg/L	GE
0	Nitrate as nitrogen	670	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	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

ANALYTICAL RESULTS

WELL MSB 29A collected on 02/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	540	µg/L	GE
0	Potassium	510	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	29,000	µg/L	GE
1	Silica	32,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	4,760	µg/L	GE
0	Sulfate	4,880	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<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	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-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	2,3,4,6-Tetrachlorophenol	<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	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	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
0	Total dissolved solids	49,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	GE

WELL MSB 29A collected on 02/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	14	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±2.0E-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
0	Uranium	<1.0E-09	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91 — Time: 14:25
Depth to water: 148.00 ft (45.11 m) below TOC — pH: 5.9
Water elevation: 217.40 ft (66.26 m) msl — Alkalinity ($CaCO_3$): 9 mg/L
Sp. conductance: 44 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 258 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 — Time: 11:25
Depth to water: 142.26 ft (43.36 m) below TOC — pH: 4.5
Water elevation: 222.94 ft (67.95 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 197 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/02/91 — Time: 12:40
Depth to water: 142.35 ft (43.39 m) below TOC — pH: 4.5
Water elevation: 222.85 ft (67.93 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 197 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	12	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE

WELL MSB 29B collected on 02/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Aramite	<10	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	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo(a)anthracene	<10	µg/L	GE
0	Benzo(a)pyrene	<10	µg/L	GE
0	Benzo(b)fluoranthene	<10	µg/L	GE
0	Benzo(g,h,i)perylene	<10	µg/L	GE
0	Benzo(k)fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	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	2,200	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE

WELL MSB 29B collected on 02/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	4.7	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	Magnesium	560	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methacrylonitrile	<50	µg/L	GE
0	Methapyrilene	<10	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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	1,480	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 29B collected on 02/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	3,200	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
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	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	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)	<0.50	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	3.8	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 ± 3.7E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 — Time: 13:20
Depth to water: 142.55 ft (43.45 m) below TOC — pH: 4.3
Water elevation: 222.65 ft (67.86 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 197 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 — Time: 11:50
Depth to water: 135.78 ft (41.38 m) below TOC — pH: 4.8
Water elevation: 229.42 ft (69.93 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 17.0°C
Water evacuated before sampling: 141 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/02/91 — Time: 13:05
Depth to water: 135.78 ft (41.38 m) below TOC — pH: 4.7
Water elevation: 229.44 ft (69.93 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 141 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	GE
0	Acetone	<10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	800	µg/L	GE
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDD	<0.00045	µg/L	GE
0	Carbon 12-labeled 2,3,7,8-TCDF	<0.00040	µg/L	GE
0	Chlordane	<0.50	µg/L	GE
0	Chloride	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	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	Chloroprene	<200	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chrysene	<10	µg/L	GE
0	Cobalt	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE

WELL MSB 29C collected on 02/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	8.3	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	Magnesium	510	µg/L	GE
0	Manganese	2.5	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	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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	1,550	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 29C collected on 02/02/91, laboratory analyses (continued)

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	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	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	Styrene	<1.0	µg/L	GE
0	Sulfate	3,510	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
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	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
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)	<0.50	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	11	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	8.4E-07 ± 2.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91 Time: 13:55
Depth to water: 135.98 ft (41.44 m) below TOC pH: 4.7
Water elevation: 229.24 ft (69.87 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 27 µS/cm Water temperature: 18.2°C
Water evacuated before sampling: 141 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91
Depth to water: 133.75 ft (40.77 m) below TOC
Water elevation: 231.35 ft (70.52 m) msl
Sp. conductance: 31 µS/cm
Water evacuated before sampling: 59 gal

Time: 12:00
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
C	Thallium	<2.0	µg/L	GE

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/02/91
Depth to water: 134.33 ft (40.94 m) below TOC
Water elevation: 230.77 ft (70.34 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 57 gal

Time: 13:55
pH: 4.4
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	15	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	230	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	2,410	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	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	7.0	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

WELL MSB 29D collected on 02/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00085	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00085	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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	Magnesium	390	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	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<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 29D collected on 02/02/91, laboratory analyses (continued)

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	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,850	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	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	Styrene	<1.0	µg/L	GE
0	Sulfate	8,310	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	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	8.2	µg/L	GE
0	Gross alpha	6.7E-09 ± 1.5E-09	µCi/mL	GE
0	Nonvolatile beta	4.8E-09 ± 1.8E-09	µCi/mL	GE
2	Total radium	9.2E-09 ± 4.0E-09	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 — Time: 14:15
Depth to water: 134.64 ft (41.04 m) below TOC — pH: 4.2
Water elevation: 230.46 ft (70.25 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 18.1°C
Water evacuated before sampling: 57 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 — Time: 10:55
Depth to water: 154.15 ft (46.99 m) below TOC — pH: 4.6
Water elevation: 211.05 ft (64.33 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 16.7°C
Water evacuated before sampling: 396 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/02/91 — Time: 12:05
Depth to water: 154.74 ft (47.17 m) below TOC — pH: 4.7
Water elevation: 210.46 ft (64.15 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 394 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	9.0	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	410	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	1,630	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 29TA collected on 02/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	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	8.4	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	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	200	µg/L	GE
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isophorone	<10	µg/L	GE

WELL MSB 29TA collected on 02/02/91, laboratory analyses (continued)

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	Magnesium	190	µg/L	GE
0	Manganese	23	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 methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	Naphthalene	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	540	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Styrene	<1.0	µg/L	GE
0	Sulfate	8,730	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	<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	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL MSB 29TA collected on 02/02/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	7.1	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91
Depth to water: 154.54 ft (47.10 m) below TOC
Water elevation: 210.66 ft (64.21 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 395 gal
Time: 13:00
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91
Depth to water: 157.94 ft (48.14 m) below TOC
Water elevation: 196.66 ft (59.94 m) msl
Sp. conductance: 82 µS/cm
Water evacuated before sampling: 446 gal
Time: 12:25
pH: 6.2
Alkalinity ($CaCO_3$): 19 mg/L
Water temperature: 17.6°C

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	10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,400	µg/L	GE
0	Chloride	2,270	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	50	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	350	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,100	µg/L	GE
0	Sulfate	5,820	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)	<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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	8.8E-07 ± 9.5E-07	µCi/mL	EM
0	Total radium	2.1E-09 ± 1.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91
Depth to water: 130.55 ft (39.79 m) below TOC
Water elevation: 222.05 ft (67.68 m) msl
Sp. conductance: 76 µS/cm
Water evacuated before sampling: 70 gal
The well went dry during purging.
Time: 11:00
pH: 6.0
Alkalinity ($CaCO_3$): 12 mg/L
Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	52	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,800	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	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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
2	Iron	2,800	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,200	µg/L	GE
2	Manganese	89	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Silica	55,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	16,900	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	58,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	3.5E-06 ± 1.0E-06	µCi/mL	EM
0	Total radium	1.0E-09 ± 1.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91
Depth to water: 129.94 ft (39.61 m) below TOC
Water elevation: 223.16 ft (68.02 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 259 gal
Time: 11:45
pH: 4.2
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
0	Specific conductance	26	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.6	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Chloride	2,140	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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
1	Iron	250	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	480	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	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	31,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 30B collected on 01/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sulfate	19,600	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	20,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.4E-09±3.0E-09	µCi/mL	GE
0	Total activity	-1.2E-07±9.2E-07	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/06/91
Depth to water: 125.76 ft (38.33 m) below TOC
Water elevation: 229.14 ft (69.84 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 31 gal

Time: 12:45
pH: 5.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	770	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	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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
2	Iron	480	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	240	µg/L	GE
0	Manganese	9.7	µg/L	GE
0	Mercury	0.38	µg/L	GE
0	Methoxychlor	<0.50	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	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	4.9E-08±1.0E-08	µCi/mL	EM
0	Total radium	1.3E-09±1.4E-09	µCi/mL	GE
0	Tritium	1.2E-08±2.0E-07	µCi/mL	GE

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/06/91
Depth to water: 130.76 ft (39.86 m) below TOC
Water elevation: 222.94 ft (67.95 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 166 gal

Time: 12:15
pH: 4.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	840	µg/L	GE
0	Chloride	1,700	µg/L	GE

WELL MSB 30CC collected on 01/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	27	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	270	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	610	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	1,680	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	8.7E-07±9.5E-07	µCi/mL	EM
0	Total radium	1.0E-08±1.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91
Depth to water: 152.70 ft (46.54 m) below TOC
Water elevation: 194.50 ft (59.28 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 479 gal

Time: 14:30
pH: 4.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	14	µS/cm	GE
0	Aluminum	95	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	Lindane	<0.010	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	740	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	160	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	250	µg/L	GE
0	Manganese	4.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	7.5	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	7,200	µg/L	GE

WELL MSB 31A collected on 01/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	3,160	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	9.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	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	<1.0E-09	µCi/mL	GE
0	Tritium	8.0E-08	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91
Depth to water: 135.75 ft (41.38 m) below TOC
Water elevation: 211.75 ft (64.54 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 156 gal

Time: 13:55
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Aluminum	27	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	Lindane	0.013	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,370	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	12	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichlorormethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	580	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	1,890	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	4,900	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	21	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
2	Total organic halogens	242	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

WELL MSB 31B collected on 01/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	439	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	23	µg/L	GE
0	Gross alpha	2.3E-09 ± 1.9E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 3.1E-09	µCi/mL	GE
0	Total radium	1.8E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91
Depth to water: 116.96 ft (35.65 m) below TOC
Water elevation: 230.34 ft (70.21 m) msl
Sp. conductance: 109 µS/cm
Water evacuated before sampling: 38 gal

Time: 15:00
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	100	µS/cm	GE
2	Aluminum	810	µg/L	GE
0	Aluminum	47	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<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	3,800	µg/L	GE
2	Carbon tetrachloride	22	µg/L	GE
0	Chloride	5,390	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
2	1,1-Dichloroethylene	13	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	360	µg/L	GE
0	Iron	40	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	1,700	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<1.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
1	Nitrate as nitrogen	6,380	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	9,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sulfate	13,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	90,100	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
2	Total organic halogens	45,900	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<1.0	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	19	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	47,500	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	29	µg/L	GE
0	Gross alpha	6.0E-09 ± 2.7E-09	µCi/mL	GE
0	Nonvolatile beta	1.0E-08 ± 3.9E-09	µCi/mL	GE
2	Total radium	6.3E-09 ± 3.3E-09	µCi/mL	GE
0	Tritium	1.6E-08 ± 2.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91 — Time: 14:40
Depth to water: 136.05 ft (41.47 m) below TOC — pH: 6.1
Water elevation: 212.75 ft (64.85 m) msl — Alkalinity ($CaCO_3$): 11 mg/L
Sp. conductance: 56 µS/cm — Water temperature: 18.9°C
Water evacuated before sampling: 94 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	pH	6.3	pH	GE
0	Specific conductance	53	µS/cm	GE
0	Specific conductance	52	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Barium	12	µg/L	GE
0	Lindane	0.081	µg/L	GE
0	Lindane	0.098	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,600	µg/L	GE
0	Calcium	5,800	µg/L	GE
0	Chloride	2,060	µg/L	GE
0	Chloride	2,050	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	1.8	µg/L	MA
0	1,1-Dichloroethylene	<5.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	33	µg/L	GE
0	Iron	41	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	820	µg/L	GE
0	Magnesium	840	µg/L	GE
0	Manganese	4.9	µg/L	GE
0	Manganese	5.1	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	Nitrate as nitrogen	2,400	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	660	µg/L	GE
0	Potassium	710	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,500	µg/L	GE
0	Sodium	3,400	µg/L	GE
0	Sulfate	2,370	µg/L	GE
0	Sulfate	2,350	µg/L	GE
2	Tetrachloroethylene	5.0	µg/L	MA
0	Total dissolved solids	12,000	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	73	µg/L	GE
1	Total organic halogens	83	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	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	<5.0	µg/L	MA
2	Trichloroethylene	262	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	3.5E-09 ± 3.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 — Time: 12:45
Depth to water: 30.67 ft (9.35 m) below TOC — pH: 5.0
Water elevation: 224.63 ft (68.47 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 71 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.4	pH	IT
0	Specific conductance	18	µS/cm	GE
0	Specific conductance	20	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	<3.0	µg/L	GE
0	Barium	1.2	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	40	µg/L	GE
0	Calcium	158	µg/L	IT
0	Chloride	2,480	µg/L	GE
0	Chloride	2,340	µg/L	IT
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	25	µg/L	GE
0	Iron	5.7	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	110	µg/L	GE
0	Magnesium	110	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	440	µg/L	GE
0	Nitrate as nitrogen	390	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	6,300	µg/L	GE
0	Silica	6,000	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	3,400	µg/L	GE
0	Sodium	3,130	µg/L	IT
0	Sulfate	2,020	µg/L	GE
0	Sulfate	1,190	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	47,000	µg/L	GE
0	Total dissolved solids	29,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,640	µg/L	IT
2	Total organic halogens	192	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	29	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
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	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.0E-06 ± 1.0E-07	µCi/mL	IT

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 Time: 12:45
Depth to water: 30.67 ft (9.35 m) below TOC pH: 5.0
Water elevation: 224.63 ft (68.47 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 21 µS/cm Water temperature: 18.6°C
Water evacuated before sampling: 71 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.3	pH	IT
0	pH	5.3	pH	IT
0	Specific conductance	18	µS/cm	GE
0	Specific conductance	20	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	<3.0	µg/L	GE
0	Barium	1.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	130	µg/L	GE
0	Calcium	140	µg/L	IT
0	Chloride	2,480	µg/L	GE
0	Chloride	2,380	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	18	µg/L	GE
0	Iron	5.8	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	110	µg/L	GE
0	Magnesium	104	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	430	µg/L	GE
0	Nitrate as nitrogen	340	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	6,600	µg/L	GE
0	Silica	5,920	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	3,200	µg/L	GE
0	Sodium	3,040	µg/L	IT
0	Sulfate	1,520	µg/L	GE
0	Sulfate	1,200	µg/L	IT
0	Total dissolved solids	40,000	µg/L	GE
0	Total dissolved solids	47,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	1.3E-08±2.0E-07	µCi/mL	GE
0	Tritium	1.2E-06±2.0E-07	µCi/mL	IT

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 Time: 15:15
Depth to water: 38.42 ft (11.71 m) below TOC pH: 5.0
Water elevation: 218.18 ft (66.50 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 55 µS/cm Water temperature: 16.6°C
Water evacuated before sampling: 23 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.3	pH	GE
0	Specific conductance	44	µS/cm	GE
0	Specific conductance	44	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	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	320	µg/L	GE
0	Calcium	320	µg/L	GE
0	Chloride	2,500	µg/L	GE
0	Chloride	2,520	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	60	µg/L	GE
0	Iron	60	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Magnesium	280	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	Nitrate as nitrogen	4,340	µg/L	GE
0	Nitrate as nitrogen	4,330	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,500	µg/L	GE
0	Silica	6,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,800	µg/L	GE
0	Sodium	8,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	1,020	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
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09±2.2E-09	µCi/mL	GE
0	Nonvolatile beta	3.5E-09±3.0E-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

ANALYTICAL RESULTS

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91
Depth to water: 52.88 ft (16.12 m) below TOC
Water elevation: 202.52 ft (61.73 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 310 gal

Time: 14:00
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	17	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	840	µg/L	GE
0	Chloride	1,720	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	11	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	89	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	330	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	930	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	2.0	µg/L	GE
0	Silica	9,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	1,270	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	22,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	3.2E-09±2.9E-09	µCi/mL	GE
0	Total radium	1.0E-09±2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91
Depth to water: 48.47 ft (14.77 m) below TOC
Water elevation: 206.73 ft (63.01 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 222 gal

Time: 14:35
pH: 5.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.7°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	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	510	µg/L	GE
0	Chloride	3,030	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	10	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	13	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	250	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	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	9,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,700	µg/L	GE
0	Sulfate	1,380	µg/L	GE

WELL MSB 33B collected on 01/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Tetrachloroethylene	26	µg/L	MA
0	Total dissolved solids	40,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	26	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	18	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±2.1E-09	µCi/mL	GE
0	Tritium	1.0E-06±2.0E-07	µCi/mL	GE

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91
Depth to water: 46.09 ft (14.05 m) below TOC
Water elevation: 209.21 ft (63.77 m) msl
Sp. conductance: 36 µS/cm
Water evacuated before sampling: 110 gal

Time: 14:50
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 15.4°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
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	250	µg/L	GE
0	Chloride	3,050	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	46	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	180	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	Nitrate as nitrogen	2,370	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,500	µg/L	GE
0	Sulfate	<1,000	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	26	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.1E-09±2.0E-09	µCi/mL	GE
0	Tritium	1.5E-06±2.0E-07	µCi/mL	GE

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91
Depth to water: 63.98 ft (19.50 m) below TOC
Water elevation: 191.52 ft (58.38 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 451 gal

Time: 15:05
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	880	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	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	100	µg/L	GE
0	Lead	9.0	µg/L	GE

WELL MSB 33TA collected on 01/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Magnesium	240	µg/L	GE
2	Manganese	57	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	360	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,400	µg/L	GE
0	Sulfate	2,620	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	32,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	-1.9E-07 ±9.6E-07	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 — Time: 12:55
Depth to water: 167.30 ft (50.99 m) below TOC — pH: 5.0
Water elevation: 215.90 ft (65.81 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 17.2°C
Water evacuated before sampling: 269 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	910	µg/L	GE
0	Chloride	2,010	µg/L	GE
0	Chloroform	<20	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<20	µg/L	MA
0	1,1-Dichloroethylene	<20	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	Magnesium	320	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	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	9,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	196	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	3,820	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	<20	µg/L	MA
2	Trichloroethylene	3,140	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ±2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 — Time: 12:35
Depth to water: 159.39 ft (48.58 m) below TOC — pH: 5.0
Water elevation: 223.71 ft (68.19 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 110 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	5.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Chloride	1,690	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	9.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	400	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	1,720	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	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	343	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	2.7E-09 ± 1.9E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	8.4E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 — Time: 13:20
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	760	µg/L	GE
0	Chloride	1,490	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	20	µg/L	GE
0	Lead	17	µg/L	GE
0	Magnesium	260	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	Nitrate as nitrogen	1,690	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	7,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	2,610	µg/L	GE
2	Tetrachloroethylene	9.5	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	3,190	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 34C collected on 01/18/91, laboratory analyses (continued)

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	MA
2	Trichloroethylene	46	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±3.1E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91
Depth to water: 182.82 ft (55.72 m) below TOC
Water elevation: 199.68 ft (60.86 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 793 gal
Time: 11:40
pH: 5.9
Alkalinity ($CaCO_3$): 8 mg/L
Water temperature: 17.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,100	µg/L	GE
0	Chloride	1,820	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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
2	Iron	310	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	200	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	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	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	26	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.3E-09±2.8E-09	µCi/mL	GE
0	Total activity	2.1E-07±9.9E-07	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91
Depth to water: 182.27 ft (55.56 m) below TOC
Water elevation: 200.53 ft (61.12 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 354 gal
Time: 11:10
pH: 5.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Chloride	1,900	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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
1	Iron	260	µg/L	GE

WELL MSB 34TB collected on 01/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lead	15	µg/L	GE
0	Magnesium	220	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	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	7,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,100	µg/L	GE
0	Sulfate	7,830	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
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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	4.1E-07±9.8E-07	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91
Depth to water: 136.45 ft (41.59 m) below TOC
Water elevation: 214.65 ft (65.43 m) msl
Sp. conductance: 26 µS/cm
Water evacuated before sampling: 235 gal
Time: 14:35
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	5.1	pH	GE
0	Specific conductance	22	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	4.6	µg/L	GE
0	Barium	5.0	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,000	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Chloride	2,560	µg/L	GE
0	Chloride	2,450	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	26	µg/L	GE
0	Iron	23	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	480	µg/L	GE
0	Magnesium	490	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Manganese	2.7	µg/L	GE
2	Mercury	3.9	µg/L	GE
2	Mercury	3.9	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,240	µg/L	GE
0	Nitrate as nitrogen	1,220	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	15,000	µg/L	GE
0	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	1,660	µg/L	GE
0	Sulfate	1,570	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA

WELL MSB 35A collected on 01/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	26,000	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	1.8	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	2.0E-09±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 MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91 — Time: 15:15
Depth to water: 134.04 ft (40.86 m) below TOC — pH: 5.6
Water elevation: 217.76 ft (66.37 m) msl — Alkalinity ($CaCO_3$): 6 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 17.0°C
Water evacuated before sampling: 137 gal

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	3.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,900	µg/L	GE
0	Chloride	3,150	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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
1	Iron	270	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	130	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	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	8,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,000	µg/L	GE
0	Sulfate	1,310	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09±3.5E-09	µCi/mL	GE
0	Total activity	-5.3E-07±1.2E-06	µCi/mL	EM
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: 01/09/91 — Time: 14:45
The well was dry.

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91 — Time: 15:00
Depth to water: 152.74 ft (46.56 m) below TOC — pH: 4.8
Water elevation: 197.66 ft (60.25 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 16 µS/cm — Water temperature: 16.9°C
Water evacuated before sampling: 427 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	13	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	490	µg/L	GE
0	Chloride	1,780	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	100	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	220	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	Nitrate as nitrogen	370	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	34,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09±3.4E-09	µCi/mL	GE
0	Total activity	3.6E-07±1.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91 — Time: 13:10
Depth to water: 132.72 ft (40.45 m) below TOC — pH: 4.7
Water elevation: 207.88 ft (63.36 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 16.8°C
Water evacuated before sampling: 293 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.7	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Aluminum	54	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,140	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	12	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 36A collected on 01/05/91, laboratory analyses (continued)

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	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	52	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	430	µg/L	GE
1	Manganese	38	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	10	µg/L	GE
0	Nitrate as nitrogen	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	16,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	20,600	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	31,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	11	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	31	µg/L	GE
0	Gross alpha	3.0E-09±2.1E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09±3.3E-09	µCi/mL	GE
0	Total radium	2.1E-09±2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91
Depth to water: 128.37 ft (39.13 m) below TOC
Water elevation: 212.33 ft (64.72 m) msl
Sp. conductance: 213 µS/cm
Water evacuated before sampling: 139 gal
Time: 12:30
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	205	µS/cm	GE
0	Aluminum	97	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	60	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	13,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,000	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	4.0	µg/L	GE
1	Magnesium	6,300	µg/L	GE
1	Manganese	37	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL MSB 36B collected on 01/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	23,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	790	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	13,000	µg/L	GE
0	Sulfate	9,450	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
0	Total dissolved solids	153,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	484	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	2.0	µg/L	GE
2	Trichloroethylene	2,180	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	29	µg/L	GE
2	Gross alpha	1.5E-08±4.1E-09	µCi/mL	GE
0	Nonvolatile beta	1.6E-08±4.4E-09	µCi/mL	GE
2	Total radium	1.6E-08±4.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91
Depth to water: 128.43 ft (39.15 m) below TOC
Water elevation: 212.37 ft (64.73 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 61 gal
Time: 13:55
pH: 5.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Aluminum	25	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	720	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,180	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	480	µg/L	GE
0	Manganese	4.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	14	µg/L	GE
0	Toluene	<1.0	µg/L	GE

WELL MSB 36C collected on 01/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	23,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	41	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	97	µg/L	GE
0	Trichlorofluoromethane	<1.0	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	2.2E-09±2.5E-09	µCi/mL	GE
0	Tritium	8.1E-07±2.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91 Time: 14:10
Inaccessibility or pump failure prevented sample collection.

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/05/91 Time: 11:35
Depth to water: 147.62 ft (45.00 m) below TOC pH: 5.3
Water elevation: 192.98 ft (58.82 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 23 µS/cm Water temperature: 16.8°C
Water evacuated before sampling: 375 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	17	µS/cm	GE
0	Aluminum	58	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	610	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	5.5	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	870	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	240	µg/L	GE
2	Manganese	53	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<40	µg/L	GE
0	Nitrate as nitrogen	<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	7,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	4,650	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	35,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE

WELL MSB 36TA collected on 01/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	7.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09±3.2E-09	µCi/mL	GE
0	Total radium	1.8E-09±2.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91 Time: 14:30
Depth to water: 178.43 ft (53.78 m) below TOC pH: 6.6
Water elevation: 206.87 ft (62.99 m) msl Alkalinity ($CaCO_3$) 23 mg/L
Sp. conductance: 82 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 80 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
2	Cadmium	11	µg/L	GE
0	Calcium	5,800	µg/L	GE
0	Chloride	1,390	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	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	13	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Magnesium	430	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	Nitrate as nitrogen	760	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	5,460	µg/L	GE
2	Tetrachloroethylene	7.3	µg/L	MA
0	Total dissolved solids	20,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	41	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	57	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09±2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91 Time: 13:20
Depth to water: 166.26 ft (50.68 m) below TOC pH: 5.4
Water elevation: 216.54 ft (66.00 m) msl Alkalinity ($CaCO_3$) 4 mg/L
Sp. conductance: 26 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 206 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.6	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Chloride	1,480	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA

ANALYTICAL RESULTS

WELL MSB 37B collected on 02/03/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	220	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	860	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	6.8	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	139	µg/L	GE
0	Total phosphates (as P)	60	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	278	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 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91
Depth to water: 156.69 ft (47.76 m) below TOC
Water elevation: 226.41 ft (69.01 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 133 gal
Time: 13:50
pH: 5.4
Alkalinity ($CaCO_3$): 6 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	pH	5.8	pH	IT
0	Specific conductance	13	µS/cm	GE
0	Specific conductance	29	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.1	µg/L	GE
0	Barium	3.3	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,500	µg/L	GE
0	Calcium	2,670	µg/L	IT
0	Chloride	1,730	µg/L	GE
0	Chloride	1,800	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	<4.0	µg/L	GE
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	350	µg/L	GE
0	Magnesium	380	µg/L	IT
0	Manganese	2.0	µg/L	GE
0	Manganese	2.3	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	970	µg/L	GE
0	Nitrate as nitrogen	830	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	12,000	µg/L	GE
0	Silica	9,640	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,700	µg/L	GE
0	Sodium	1,540	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT

WELL MSB 37C collected on 02/03/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	8,000	µg/L	GE
0	Total dissolved solids	50,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	14	µg/L	GE
0	Total organic halogens	22	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	44	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.9E-09±2.9E-09	µCi/mL	IT
0	Total radium	1.3E-09±2.5E-09	µCi/mL	GE
0	Total radium	2.2E-09±5.0E-10	µCi/mL	IT
0	Total radium	1.7E-09±5.0E-10	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91
Depth to water: 156.69 ft (47.76 m) below TOC
Water elevation: 226.41 ft (69.01 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 133 gal
Time: 13:50
pH: 5.4
Alkalinity ($CaCO_3$): 6 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	pH	5.8	pH	IT
0	Specific conductance	14	µS/cm	GE
0	Specific conductance	29	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.3	µg/L	GE
0	Barium	3.7	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,400	µg/L	GE
0	Calcium	2,710	µg/L	IT
0	Chloride	1,700	µg/L	GE
0	Chloride	1,820	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	38	µg/L	GE
0	Iron	72	µg/L	IT
0	Lead	7.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	330	µg/L	GE
0	Magnesium	361	µg/L	IT
0	Manganese	2.1	µg/L	GE
0	Manganese	2.5	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,040	µg/L	GE
0	Nitrate as nitrogen	820	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,800	µg/L	GE
0	Silica	9,600	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,600	µg/L	GE
0	Sodium	1,550	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	10,000	µg/L	GE
0	Total dissolved solids	39,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	37	µg/L	GE
0	Total organic halogens	22	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	44	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<4.0E-09	µCi/mL	IT

WELL MSB 37C collected on 02/03/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	3.4E-09±2.8E-09	µCi/mL	GE
0	Nonvolatile beta	6.9E-09±3.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	2.3E-09±6.0E-10	µCi/mL	IT
0	Tritium	7.8E-07±2.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91 Time: 14:45
Depth to water: 153.95 ft (46.92 m) below TOC
Water elevation: 228.85 ft (69.75 m) msl
The well pumped dry before all field parameters were collected.

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91 Time: 14:15
Depth to water: 177.85 ft (54.21 m) below TOC pH: 4.9
Water elevation: 204.55 ft (62.35 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 24 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 454 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,000	µg/L	GE
0	Chloride	1,890	µg/L	GE
0	Chloroform	<20	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<20	µg/L	MA
0	1,1-Dichloroethylene	<20	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	100	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	290	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	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	6,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	78	µg/L	MA
0	Total dissolved solids	3,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	984	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	<20	µg/L	MA
2	Trichloroethylene	2,280	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.2E-06±2.0E-07	µCi/mL	GE

WELL MSB 38B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91 Time: 11:25
Depth to water: 145.44 ft (44.33 m) below TOC pH: 6.5
Water elevation: 211.16 ft (64.36 m) msl Alkalinity ($CaCO_3$): 13 mg/L
Sp. conductance: 50 µS/cm Water temperature: 16.5°C
Water evacuated before sampling: 189 gal

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	7.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL MSB 38B collected on 01/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	3,900	µg/L	GE
0	Chloride	2,280	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	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	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	320	µg/L	GE
0	Manganese	3.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,460	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,500	µg/L	GE
0	Sulfate	1,210	µg/L	GE
2	Tetrachloroethylene	783	µg/L	MA
0	Total dissolved solids	43,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	896	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	1,250	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	<7.0E-07	µCi/mL	GE

WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91 Time: 12:00
Depth to water: 142.75 ft (43.51 m) below TOC pH: 6.0
Water elevation: 213.55 ft (65.09 m) msl Alkalinity ($CaCO_3$): 7 mg/L
Sp. conductance: 69 µS/cm Water temperature: 16.9°C
Water evacuated before sampling: 136 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	61	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	22	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,900	µg/L	GE
0	Chloride	1,760	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	1.7	µg/L	MA
0	1,1-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	<100	µg/L	GE
0	Iron	55	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,200	µg/L	GE
1	Manganese	32	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nitrate as nitrogen	5,020	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	251	µg/L	MA
0	Total dissolved solids	82,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	296	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	<5.0	µg/L	MA
2	Trichloroethylene	556	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

ANALYTICAL RESULTS

WELL MSB 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91 Time: 12:25
The well was dry.

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91 Time: 12:10
Depth to water: 182.94 ft (49.66 m) below TOC pH: 5.0
Water elevation: 193.78 ft (59.08 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 17 µS/cm Water temperature: 16.6°C
Water evacuated before sampling: 491 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	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	530	µg/L	GE
0	Chloride	2,240	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	400	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	200	µg/L	GE
0	Manganese	24	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<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	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE
0	Sulfate	1,470	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
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)	<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	MA
0	Trichlorosthylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	-3.5E-07 ± 1.2E-08	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 Time: 16:20
Depth to water: 134.25 ft (40.92 m) below TOC pH: 6.7
Water elevation: 207.35 ft (63.20 m) msl Alkalinity ($CaCO_3$): 24 mg/L
Sp. conductance: 83 µS/cm Water temperature: 16.9°C
Water evacuated before sampling: 63 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Aluminum	20	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	Lindane	<0.0050	µg/L	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	8.7	µg/L	GE
0	Calcium	2,700	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 MSB 39A collected on 01/04/91, laboratory analyses (continued)

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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	10	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	390	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	5.8	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	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	5,880	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	6.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	30,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	6.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	99	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.4E-09 ± 3.2E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 Time: 13:05
Depth to water: 131.35 ft (40.04 m) below TOC pH: 4.5
Water elevation: 210.45 ft (64.15 m) msl Alkalinity ($CaCO_3$) 0 mg/L
Sp. conductance: 203 µS/cm Water temperature: 16.7°C
Water evacuated before sampling: 171 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
0	Specific conductance	181	µS/cm	GE
0	Aluminum	69	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	34	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,500	µg/L	GE
2	Carbon tetrachloride	24	µg/L	GE
0	Chloride	4,610	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
2	1,1-Dichloroethylene	32	µg/L	GE
0	Dichloromethane (Methylene chloride)	<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 MSB 39B collected on 01/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	9.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	2,800	µg/L	GE
0	Manganese	10	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	20,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	850	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	21,000	µg/L	GE
0	Sulfate	3,720	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	70	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
2	Total organic halogens	155	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	23	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	185	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	5.6	µg/L	GE
0	Gross alpha	4.9E-09±2.6E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08±4.0E-09	µCi/mL	GE
2	Total radium	8.5E-09±3.7E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 — Time: 13:20
Depth to water: 127.96 ft (39.00 m) below TOC — pH: 4.4
Water elevation: 213.54 ft (65.09 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 48 µS/cm — Water temperature: 17.1°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	pH	4.6	pH	GE
0	Specific conductance	42	µS/cm	GE
0	Specific conductance	42	µS/cm	GE
0	Aluminum	100	µg/L	GE
0	Aluminum	95	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.2	µg/L	GE
0	Barium	6.6	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Calcium	1,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,540	µg/L	GE
0	Chloride	2,530	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE

WELL MSB 39C collected on 01/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	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	20	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	840	µg/L	GE
0	Magnesium	900	µg/L	GE
0	Manganese	5.8	µg/L	GE
0	Manganese	6.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	3,560	µg/L	GE
0	Nitrate as nitrogen	3,550	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	9,200	µg/L	GE
0	Silica	9,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,200	µg/L	GE
0	Sodium	4,500	µg/L	GE
0	Sulfate	7,030	µg/L	GE
0	Sulfate	7,480	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
1	Tetrachloroethylene	4.0	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	27,000	µg/L	GE
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	43	µg/L	GE
0	Total organic halogens	44	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	64	µg/L	GE
2	Trichloroethylene	63	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	8.0	µg/L	GE
0	Zinc	7.7	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09±3.2E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09±3.2E-09	µCi/mL	GE
1	Total radium	3.5E-09±3.1E-09	µCi/mL	GE
2	Total radium	5.7E-09±3.6E-09	µCi/mL	GE
0	Tritium	1.2E-06±2.0E-07	µCi/mL	GE
0	Tritium	1.4E-06±3.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 — Time: 13:50
Depth to water: 112.26 ft (34.22 m) below TOC — pH: 5.3
Water elevation: 229.44 ft (69.93 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 17.8°C
Water evacuated before sampling: 25 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Aluminum	<20	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	Lindane	<0.010	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,100	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	81	µg/L	GE
0	Lead	17	µg/L	GE
0	Magnesium	890	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	1,120	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	8,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.0	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	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.8E-08±3.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/04/91 — Time: 13:35
Depth to water: 150.34 ft (45.82 m) below TOC — pH: 4.9
Water elevation: 191.48 ft (58.38 m) msl — Alkalinity ($CaCO_3$) 0 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 382 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	13	µS/cm	GE
0	Aluminum	39	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,260	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	14	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	1,900	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	260	µg/L	GE
1	Manganese	34	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	2,140	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	14,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	7.7	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
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 Time: 12:40
Depth to water: 120.52 ft (36.73 m) below TOC pH: 4.8
Water elevation: 200.68 ft (61.17 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 48 µS/cm Water temperature: 17.0°C
Water evacuated before sampling: 206 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Aluminum	83	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	31	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	2,280	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	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	110	µg/L	GE
2	Iron	1,300	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	820	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	4.0	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	810	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	38,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	82,400	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	94,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	2.9E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 Time: 13:45
Depth to water: 119.52 ft (36.43 m) below TOC pH: 5.2
Water elevation: 202.18 ft (61.63 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 24 µS/cm Water temperature: 17.5°C
Water evacuated before sampling: 136 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Aluminum	100	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	13,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,880	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	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	460	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	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	9,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	4,280	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	41,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	417	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	580	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	31	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.6E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 15:00
Depth to water: Not available — pH: 5.6
Water elevation: Not available — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 45 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	32	µS/cm	GE
1	Aluminum	140	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,200	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	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	350	µg/L	GE
1	Iron	270	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	630	µg/L	GE
2	Manganese	79	µg/L	GE
0	Mercury	0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.1	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
1	Silica	22,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	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 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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	12	µg/L	GE
0	Trichlorofluoromethane	<1.0	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	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 13:00
The well was dry.

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 13:20
Depth to water: 133.53 ft (40.70 m) below TOC — pH: 5.5
Water elevation: 187.27 ft (57.08 m) msl — Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 425 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Aluminum	22	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	850	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,960	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	100	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	80	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	0.28	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	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	3,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	550	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	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	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	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 Time: 10:55
Depth to water: 108.87 ft (33.18 m) below TOC pH: 5.9
Water elevation: 214.93 ft (65.51 m) msl Alkalinity ($CaCO_3$): 6 mg/L
Sp. conductance: 32 µS/cm Water temperature: 17.0°C
Water evacuated before sampling: 345 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductan.	28	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,200	µg/L	GE
0	Chloride	1,820	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	9.9	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	320	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	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	7,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	1.7	µg/L	MA
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 2.2E-09	µCi/mL	GE
0	Total activity	1.7E-07 ± 9.8E-07	µCi/mL	EM
1	Total radium	3.0E-09 ± 2.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 Time: 12:05
Depth to water: 109.88 ft (33.49 m) below TOC pH: 5.3
Water elevation: 214.14 ft (65.27 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 18 µS/cm Water temperature: 16.8°C
Water evacuated before sampling: 275 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	16	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Chloride	1,400	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	32	µg/L	GE
0	Lead	<3.0	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	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	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,400	µg/L	GE

WELL MSB 41B collected on 01/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	8.5	µg/L	MA
0	Total dissolved solids	34,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	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
0	Total radium	1.0E-09 ± 2.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 Time: 11:20
Depth to water: 109.05 ft (33.24 m) below TOC pH: 4.9
Water elevation: 215.55 ft (65.70 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 16 µS/cm Water temperature: 16.8°C
Water evacuated before sampling: 179 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	13	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	440	µg/L	GE
0	Chloride	1,270	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	31	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	290	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	940	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,900	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	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 2.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 Time: 11:30
The well was dry.

ANALYTICAL RESULTS

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/08/91 — Time: 11:45
Depth to water: 119.56 ft (36.44 m) below TOC — pH: 5.1
Water elevation: 204.14 ft (62.22 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 476 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	17	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	830	µg/L	GE
0	Chloride	1,840	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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
1	Iron	250	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	260	µg/L	GE
1	Manganese	37	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	790	µg/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	2,000	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	<1,000	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	5.5E-07 ±9.9E-07	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 — Time: 11:55
Depth to water: 149.74 ft (45.64 m) below TOC — pH: 5.0
Water elevation: 226.86 ft (69.15 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 267 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	910	µg/L	GE
0	Chloride	1,820	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	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	82	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	390	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	Nitrate as nitrogen	1,010	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE

WELL MSB 42A collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sulfate	5,870	µg/L	GE
2	Tetrachloroethylene	105	µg/L	MA
0	Total dissolved solids	20,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	439	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	957	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 1.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 — Time: 13:35
Depth to water: 153.09 ft (46.66 m) below TOC — pH: 4.8
Water elevation: 223.41 ft (68.10 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 161 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	pH	5.0	pH	IT
0	Specific conductance	10	µS/cm	GE
0	Specific conductance	21	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	3.8	µg/L	GE
0	Barium	2.9	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	490	µg/L	GE
0	Calcium	425	µg/L	IT
0	Calcium	433	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	2,340	µg/L	GE
0	Chloride	2,280	µg/L	IT
0	Chloroform	1.0	µg/L	GE
0	Chloroform	0.80	µg/L	IT
0	Chloroform	<10	µg/L	MA
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	<4.0	µg/L	GE
0	Iron	8.8	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	3.1	µg/L	IT
0	Magnesium	270	µg/L	GE
0	Magnesium	194	µg/L	IT
0	Manganese	2.0	µg/L	GE
0	Manganese	1.7	µg/L	IT
0	Manganese	1.6	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	0.56	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	880	µg/L	GE
0	Nitrate as nitrogen	750	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,100	µg/L	GE
0	Silica	7,090	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	3,300	µg/L	GE
0	Sodium	2,190	µg/L	IT
0	Sulfate	7,660	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
1	Tetrachloroethylene	4.0	µg/L	GE
2	Tetrachloroethylene	5.4	µg/L	IT
0	Tetrachloroethylene	<10	µg/L	MA
0	Tetrachloroethylene	1.3	µg/L	MA
0	Total dissolved solids	11,000	µg/L	GE

WELL MSB 42B collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	10,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
1	Total organic halogens	79	µg/L	GE
1	Total organic halogens	91	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	21	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	116	µg/L	GE
2	Trichloroethylene	110	µg/L	IT
2	Trichloroethylene	121	µg/L	MA
2	Trichloroethylene	111	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.4E-09±4.0E-10	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: 153.09 ft (46.66 m) below TOC
Water elevation: 223.41 ft (68.10 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 181 gal

Time: 13:35
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.3	pH	GE
0	pH	5.0	pH	IT
0	pH	5.0	pH	IT
0	Specific conductance	9.0	µS/cm	GE
0	Specific conductance	9.0	µS/cm	GE
0	Specific conductance	20	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.7	µg/L	GE
0	Barium	5.5	µg/L	GE
0	Barium	3.8	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	480	µg/L	GE
0	Calcium	500	µg/L	GE
0	Calcium	405	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	2,260	µg/L	GE
0	Chloride	2,290	µg/L	GE
0	Chloride	2,280	µg/L	IT
0	Chloroform	1.0	µg/L	GE
0	Chloroform	2.0	µg/L	GE
0	Chloroform	1.1	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	12	µg/L	GE
0	Iron	11	µg/L	GE
0	Iron	11	µg/L	IT
0	Lead	4.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	240	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Magnesium	198	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	2.0	µg/L	GE
0	Manganese	1.8	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL MSB 42B collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Mercury	0.54	µg/L	IT
0	Mercury	0.48	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	800	µg/L	GE
0	Nitrate as nitrogen	800	µg/L	GE
0	Nitrate as nitrogen	730	µg/L	IT
0	Nitrate as nitrogen	730	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,600	µg/L	GE
0	Silica	8,400	µg/L	GE
0	Silica	7,280	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,900	µg/L	GE
0	Sodium	3,000	µg/L	GE
0	Sodium	2,220	µg/L	IT
0	Sulfate	8,780	µg/L	GE
0	Sulfate	7,140	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
2	Tetrachloroethylene	5.0	µg/L	GE
2	Tetrachloroethylene	5.0	µg/L	GE
2	Tetrachloroethylene	6.4	µg/L	IT
0	Total dissolved solids	15,000	µg/L	GE
0	Total dissolved solids	17,000	µg/L	GE
0	Total dissolved solids	7,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,210	µg/L	IT
2	Total organic halogens	797	µg/L	GE
2	Total organic halogens	850	µg/L	GE
1	Total organic halogens	94	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	25	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
2	Trichloroethylene	122	µg/L	GE
2	Trichloroethylene	116	µg/L	GE
2	Trichloroethylene	110	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	1.2E-09±3.3E-09	µCi/mL	GE
0	Total radium	1.2E-09±3.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	7.2E-07±2.0E-07	µCi/mL	GE
0	Tritium	8.1E-07±2.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 98 gal

Time: 14:25
pH: 5.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Chloride	2,400	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
0	1,1-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	<100	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 42C collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Iron	20	µg/L	GE
1	Lead	28	µg/L	GE
0	Magnesium	440	µg/L	GE
0	Manganese	7.1	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	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	3,410	µg/L	GE
0	Tetrachloroethylene	2.4	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	25	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	15	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	1.6E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 Time: 11:20
The well was dry.

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 Time: 12:20
Depth to water: 172.79 ft (52.67 m) below TOC pH: 5.1
Water elevation: 203.91 ft (62.15 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 14 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 425 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	8.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	780	µg/L	GE
0	Chloride	1,700	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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
1	Iron	150	µg/L	GE
0	Lead	13	µg/L	GE
0	Magnesium	320	µg/L	GE
0	Manganese	17	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	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	8,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	4,220	µg/L	GE
2	Tetrachloroethylene	5.5	µg/L	MA
0	Total dissolved solids	16,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	8.1	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 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/03/91 Time: 12:35
Depth to water: 133.34 ft (40.64 m) below TOC pH: 5.0
Water elevation: 224.56 ft (68.45 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 18 µS/cm Water temperature: 17.3°C
Water evacuated before sampling: 232 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 Time: 15:10
Depth to water: 129.75 ft (39.55 m) below TOC pH: 5.0
Water elevation: 228.15 ft (69.54 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 19 µS/cm Water temperature: 17.1°C
Water evacuated before sampling: 244 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	10	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	µg/L	GE
0	Aramite	<10	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	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloron.ethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	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	1,240	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	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

WELL MSB 43A collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<.3	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	4.1	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	Magnesium	380	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	<10	µg/L	GE
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<1.0	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 43A collected on 02/01/91, laboratory analyses (continued)

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	<4.0	µg/L	GE
0	Nitrate as nitrogen	1,160	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	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	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	Vanadium	<10	µg/L	GE
0	Vinyl acetate	<1.0	µg/L	GE
0	Xylenes	<1.0	µg/L	GE
0	Zinc	11	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91 — Time: 10:50
Depth to water: 133.15 ft (40.58 m) below TOC — pH: 5.0
Water elevation: 224.75 ft (68.50 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 232 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/03/91 — Time: 13:00
Depth to water: 129.35 ft (39.43 m) below TOC — pH: 4.9
Water elevation: 228.65 ft (69.69 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 17.2°C
Water evacuated before sampling: 151 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 — Time: 14:05
Depth to water: 129.95 ft (39.61 m) below TOC — pH: 5.1
Water elevation: 228.05 ft (69.51 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 24 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 149 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.2	pH	IT
0	pH	5.2	pH	IT
0	Specific conductance	11	µS/cm	GE
0	Specific conductance	21	µS/cm	IT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	IT
0	Acetone	<10	µg/L	GE
0	Acetone	<10	µg/L	IT
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	IT
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	IT
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	IT
0	Acrolein	<20	µg/L	GE
0	Acrolein	<100	µg/L	IT
0	Acrylonitrile	<20	µg/L	GE
0	Acrylonitrile	<5.0	µg/L	IT
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.050	µg/L	IT
0	Allyl chloride	<50	µg/L	GE
0	Allyl chloride	<100	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	IT
0	Aniline	<10	µg/L	GE
0	Aniline	<10	µg/L	IT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Aramite	<10	µg/L	GE
0	Aramite	<10	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	4.3	µg/L	GE
0	Barium	3.5	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.050	µg/L	IT
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	IT
0	beta-Benzene hexachloride	<0.50	µg/L	GE

WELL MSB 43B collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	beta-Benzene hexachloride	<0.050	µg/L	IT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	1,4-Benzoquinone	<10	µg/L	IT
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	IT
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<5.0	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	820	µg/L	GE
0	Calcium	734	µg/L	IT
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
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	Chlordane	<1.0	µg/L	IT
0	Chloride	1,510	µg/L	GE
0	Chloride	1,310	µg/L	IT
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chlorobenzilate	<10	µg/L	GE
0	Chlorobenzilate	<10	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chloroprene	<200	µg/L	GE
0	Chloroprene	<5.0	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	2.6	µg/L	IT
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	IT
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	IT
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	IT
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	IT
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<0.10	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	GE

WELL MSB 43B collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Diallate	<10	µg/L	GE
0	Diallate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	IT
0	1,2-Dibromo-3-chloropropane	<50	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<10	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dibromoethane	<5.0	µg/L	IT
0	Dibromomethane (Methylene bromide)	<1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	IT
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<10	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichlorodifluoromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	1,2-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	IT
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.020	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.10	µg/L	IT
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	IT
0	Dimethoate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	IT
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	IT
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	IT
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	IT
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	IT
0	4,6-Dinitro-ortho-cresol	<50	µg/L	IT
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	IT
0	Diphenylamine	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	IT
0	Disulfoton	<10	µg/L	GE
0	Disulfoton	<10	µg/L	IT
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.050	µg/L	IT
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.10	µg/L	IT
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.10	µg/L	IT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.20	µg/L	IT
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methacrylate	<5.0	µg/L	IT
0	Ethyl methacrylate	<10	µg/L	IT
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE

WELL MSB 43B collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Ethylbenzene	<5.0	µg/L	IT
0	Famphur	<10	µg/L	GE
0	Famphur	<10	µg/L	IT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.050	µg/L	IT
0	1,2,3,4,6,7,8-HPCDD	<0.00085	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00085	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00078	µg/L	IT
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	<0.00098	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.0011	µg/L	IT
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00053	µg/L	IT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	IT
0	Hexachlorophene	<50	µg/L	GE
0	Hexachlorophene	<10	µg/L	IT
0	Hexachloropropene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	IT
0	2-Hexanone	<20	µg/L	GE
0	2-Hexanone	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodomethane (Methyl iodide)	<15	µg/L	GE
0	Iodomethane (Methyl iodide)	<5.0	µg/L	IT
0	Iron	8.8	µg/L	GE
0	Iron	23	µg/L	IT
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isodrin	<10	µg/L	IT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	IT
0	Isosafrole	<10	µg/L	GE
0	Isosafrole	<10	µg/L	IT
0	Kepone	<10	µg/L	GE
0	Kepone	<10	µg/L	IT
0	Lead	8.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	490	µg/L	GE
0	Magnesium	424	µg/L	IT
0	Manganese	2.4	µg/L	GE
0	Manganese	2.4	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methacrylonitrile	<50	µg/L	GE
0	Methacrylonitrile	<5.0	µg/L	IT
0	Methapyrilene	<10	µg/L	GE
0	Methapyrilene	<10	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	IT
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methacrylate	<5.0	µg/L	IT
0	Methyl methanesulfonate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	IT
0	4-Methyl-2-pentanone	<10	µg/L	GE
0	4-Methyl-2-pentanone	<10	µg/L	IT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	IT
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	IT
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	IT
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	IT
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 43B collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Naphthalene	<10	µg/L	IT
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	IT
0	1-Naphthylamine	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	IT
0	2-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,400	µg/L	GE
0	Nitrate as nitrogen	1,150	µg/L	IT
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	IT
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitroaniline	<50	µg/L	IT
0	3-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<50	µg/L	IT
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<50	µg/L	IT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	IT
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	IT
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0085	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0015	µg/L	IT
0	Parathion	<0.50	µg/L	GE
0	Parathion	<10	µg/L	IT
0	Parathion methyl	<0.50	µg/L	GE
0	Parathion methyl	<10	µg/L	IT
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	IT
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	IT
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	IT
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	IT
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	IT
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1254	<1.0	µg/L	IT
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1260	<1.0	µg/L	IT
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	IT
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	<0.0018	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.0011	µg/L	IT
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloroethane	<5.0	µg/L	IT
0	Pentachloroethane	<10	µg/L	IT
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	IT
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<50	µg/L	IT
0	Phenacetin	<10	µg/L	GE
0	Phenacetin	<10	µg/L	IT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	p-Phenylenediamine	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	IT
0	Phorate	<0.50	µg/L	GE
0	Phorate	<10	µg/L	IT
0	2-Picoline	<10	µg/L	GE
0	2-Picoline	<10	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Pronamid	<10	µg/L	GE
0	Pronamid	<10	µg/L	IT
0	Propionitrile	<200	µg/L	GE
0	Propionitrile	<5.0	µg/L	IT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	IT
0	Pyridine	<10	µg/L	GE
0	Pyridine	<10	µg/L	IT
0	Safrole	<10	µg/L	GE
0	Safrole	<10	µg/L	IT
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,300	µg/L	GE
0	Silica	6,960	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT

WELL MSB 43B collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	1,870	µg/L	IT
0	Styrene	<1.0	µg/L	GE
0	Styrene	<5.0	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	IT
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.0020	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0012	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	IT
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	IT
0	Tetraethyl dithiopyrophosphate	<10	µg/L	IT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	IT
0	Thionazin	<10	µg/L	IT
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	o-Toluidine	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	IT
0	Total dissolved solids	<1,000	µg/L	GE
0	Total dissolved solids	35,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	17	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<1.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.50	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<10	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.020	µg/L	IT
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<5.0	µg/L	IT
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<10	µg/L	IT
0	Vinyl acetate	<10	µg/L	GE
0	Vinyl acetate	<5.0	µg/L	IT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	IT
0	Zinc	14	µg/L	GE
0	Zinc	8.7	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.1E-09 ± 1.5E-09	µCi/mL	GE
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	1.4E-06 ± 2.0E-07	µCi/mL	IT
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91
Depth to water: 129.95 ft (39.61 m) below TOC
Water elevation: 228.05 ft (69.51 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 149 gal
Time: 14:05
pH: 5.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.2	pH	IT
0	Specific conductance	10	µS/cm	GE
0	Specific conductance	21	µS/cm	IT
0	Acenaphthene	<10	µg/L	GE
0	Acenaphthene	<10	µg/L	IT
0	Acenaphthylene	<10	µg/L	GE
0	Acenaphthylene	<10	µg/L	IT
0	Acetone	<10	µg/L	GE
0	Acetone	<10	µg/L	IT
0	Acetonitrile (Methyl cyanide)	<100	µg/L	GE
0	Acetonitrile (Methyl cyanide)	<100	µg/L	IT
0	Acetophenone	<10	µg/L	GE
0	Acetophenone	<10	µg/L	IT
0	2-Acetylaminofluorene	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	IT
0	Acrolein	<20	µg/L	GE
0	Acrolein	<100	µg/L	IT
0	Acrylonitrile	<20	µg/L	GE
0	Acrylonitrile	<5.0	µg/L	IT
0	Aldrin	<0.50	µg/L	GE
0	Aldrin	<0.050	µg/L	IT
0	Allyl chloride	<50	µg/L	GE
0	Allyl chloride	<100	µg/L	IT
0	Aluminum	<10	µg/L	IT
0	4-Aminobiphenyl	<10	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	IT
0	Aniline	<10	µg/L	GE
0	Aniline	<10	µg/L	IT
0	Anthracene	<10	µg/L	GE
0	Anthracene	<10	µg/L	IT
0	Antimony	<3.0	µg/L	GE
0	Antimony	<3.0	µg/L	IT
0	Aramite	<10	µg/L	GE
0	Aramite	<10	µg/L	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Azobenzene	<10	µg/L	IT
0	Barium	3.6	µg/L	GE
0	Barium	2.8	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.050	µg/L	IT
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	alpha-Benzene hexachloride	<0.050	µg/L	IT
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.050	µg/L	IT
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.050	µg/L	IT
0	Benzidine	<50	µg/L	IT
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	IT
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	IT
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	IT
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	IT
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	IT
0	Benzoic acid	<50	µg/L	IT
0	1,4-Benzoquinone	<10	µg/L	IT
0	Benzyl alcohol	<20	µg/L	GE
0	Benzyl alcohol	<10	µg/L	IT
0	Beryllium	<3.0	µg/L	GE
0	Beryllium	<0.50	µg/L	IT
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	IT
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	IT
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	IT
0	Bis(2-chloroisopropyl) ether	<10	µg/L	IT
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<5.0	µg/L	IT
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	IT
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT

WELL MSB 43B collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	720	µg/L	GE
0	Calcium	857	µg/L	IT
0	Carbon disulfide	<1.0	µg/L	GE
0	Carbon disulfide	<5.0	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
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	Chlordane	<1.0	µg/L	IT
0	Chloride	1,520	µg/L	GE
0	Chloride	1,360	µg/L	IT
0	para-Chloro-meta-cresol	<10	µg/L	GE
0	4-Chloro-3-methylphenol	<10	µg/L	IT
0	4-Chloroaniline	<10	µg/L	GE
0	4-Chloroaniline	<10	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chlorobenzilate	<10	µg/L	GE
0	Chlorobenzilate	<10	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	2-Chloronaphthalene	<10	µg/L	GE
0	2-Chloronaphthalene	<10	µg/L	IT
0	2-Chlorophenol	<10	µg/L	GE
0	2-Chlorophenol	<10	µg/L	IT
0	4-Chlorophenyl phenyl ether	<10	µg/L	GE
0	4-Chlorophenyl phenyl ether	<10	µg/L	IT
0	Chloroprene	<200	µg/L	GE
0	Chloroprene	<5.0	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Chrysene	<10	µg/L	GE
0	Chrysene	<10	µg/L	IT
0	Cobalt	<4.0	µg/L	GE
0	Cobalt	<5.0	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	2.1	µg/L	IT
0	o-Cresol (2-Methylphenol)	<10	µg/L	GE
0	o-Cresol (2-Methylphenol)	<10	µg/L	IT
0	m-Cresol (3-Methylphenol)	<10	µg/L	GE
0	m-Cresol (3-Methylphenol)	<10	µg/L	IT
0	p-Cresol (4-Methylphenol)	<10	µg/L	GE
0	p-Cresol (4-Methylphenol)	<10	µg/L	IT
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	IT
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDD	<0.10	µg/L	IT
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDE	<0.10	µg/L	IT
0	p,p'-DDT	<0.50	µg/L	GE
0	p,p'-DDT	<0.10	µg/L	IT
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	IT
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	IT
0	Diallate	<10	µg/L	GE
0	Diallate	<10	µg/L	IT
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	IT
0	Dibenzofuran	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	IT
0	1,2-Dibromo-3-chloropropane	<50	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<10	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,2-Dibromoethane	<20	µg/L	GE
0	1,2-Dibromoethane	<5.0	µg/L	IT
0	Dibromomethane (Methylene bromide)	<1.0	µg/L	GE
0	Dibromomethane (Methylene bromide)	<10	µg/L	IT
0	trans-1,4-Dichloro-2-butene	<30	µg/L	GE
0	trans-1,4-Dichloro-2-butene	<10	µg/L	IT
0	1,2-Dichlorobenzene	<10	µg/L	GE
0	1,2-Dichlorobenzene	<10	µg/L	IT
0	1,3-Dichlorobenzene	<10	µg/L	GE
0	1,3-Dichlorobenzene	<10	µg/L	IT
0	1,4-Dichlorobenzene	<10	µg/L	GE
0	1,4-Dichlorobenzene	<10	µg/L	IT
0	3,3'-Dichlorobenzidine	<10	µg/L	GE
0	3,3'-Dichlorobenzidine	<20	µg/L	IT
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	Dichlorodifluoromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	1,2-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	IT

ANALYTICAL RESULTS

WELL MSB 43B collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.020	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<0.50	µg/L	GE
0	Dieldrin	<0.10	µg/L	IT
0	Diethyl phthalate	<10	µg/L	GE
0	Diethyl phthalate	<10	µg/L	IT
0	Dimethoate	<10	µg/L	GE
0	Dimethoate	<10	µg/L	IT
0	2,4-Dimethyl phenol	<10	µg/L	GE
0	2,4-Dimethyl phenol	<10	µg/L	IT
0	Dimethyl phthalate	<10	µg/L	GE
0	Dimethyl phthalate	<10	µg/L	IT
0	p-Dimethylaminoazobenzene	<10	µg/L	GE
0	p-Dimethylaminoazobenzene	<10	µg/L	IT
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	GE
0	7,12-Dimethylbenz[a]anthracene	<10	µg/L	IT
0	3,3'-Dimethylbenzidine	<10	µg/L	GE
0	3,3'-Dimethylbenzidine	<10	µg/L	IT
0	a,a-Dimethylphenethylamine	<10	µg/L	GE
0	a,a-Dimethylphenethylamine	<10	µg/L	IT
0	4,6-Dinitro-ortho-cresol	<50	µg/L	IT
0	1,3-Dinitrobenzene	<10	µg/L	GE
0	1,3-Dinitrobenzene	<10	µg/L	IT
0	2,4-Dinitrophenol	<50	µg/L	GE
0	2,4-Dinitrophenol	<50	µg/L	IT
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	IT
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	IT
0	1,4-Dioxane	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	IT
0	Diphenylamine	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	IT
0	Disulfoton	<10	µg/L	GE
0	Disulfoton	<10	µg/L	IT
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan I	<0.050	µg/L	IT
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan II	<0.10	µg/L	IT
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.10	µg/L	IT
0	Endrin aldehyde	<0.50	µg/L	GE
0	Endrin aldehyde	<0.20	µg/L	IT
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methacrylate	<5.0	µg/L	IT
0	Ethyl methacrylate	<10	µg/L	IT
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Famphur	<10	µg/L	GE
0	Famphur	<10	µg/L	IT
0	Fluoranthene	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	IT
0	Fluorene	<10	µg/L	GE
0	Fluorene	<10	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.050	µg/L	IT
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	<0.00095	µg/L	IT
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	<0.0010	µg/L	IT
0	Hexachlorobenzene	<10	µg/L	GE
0	Hexachlorobenzene	<10	µg/L	IT
0	Hexachlorobutadiene	<10	µg/L	GE
0	Hexachlorobutadiene	<10	µg/L	IT
0	Hexachlorocyclopentadiene	<10	µg/L	GE
0	Hexachlorocyclopentadiene	<10	µg/L	IT
0	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.0016	µg/L	IT
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00079	µg/L	IT
0	Hexachloroethane	<10	µg/L	GE
0	Hexachloroethane	<10	µg/L	IT
0	Hexachlorophene	<50	µg/L	GE
0	Hexachlorophene	<10	µg/L	IT
0	Hexachloropropene	<10	µg/L	GE
0	Hexachloropropene	<10	µg/L	IT
0	2-Hexanone	<20	µg/L	GE
0	2-Hexanone	<10	µg/L	IT
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	GE
0	Indeno[1,2,3-c,d]pyrene	<10	µg/L	IT
0	Iodomethane (Methyl iodide)	<15	µg/L	GE

WELL MSB 43B collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Iodomethane (Methyl iodide)	<5.0	µg/L	IT
0	Iron	4.0	µg/L	GE
0	Iron	6.0	µg/L	IT
0	Isobutyl alcohol	<100	µg/L	GE
0	Isodrin	<10	µg/L	GE
0	Isodrin	<10	µg/L	IT
0	Isophorone	<10	µg/L	GE
0	Isophorone	<10	µg/L	IT
0	Isosafrole	<10	µg/L	GE
0	Isosafrole	<10	µg/L	IT
0	Kepone	<10	µg/L	GE
0	Kepone	<10	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	440	µg/L	GE
0	Magnesium	411	µg/L	IT
0	Manganese	2.3	µg/L	GE
0	Manganese	2.1	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methacrylonitrile	<50	µg/L	GE
0	Methacrylonitrile	<5.0	µg/L	IT
0	Methapyrilene	<10	µg/L	GE
0	Methapyrilene	<10	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Methyl ethyl ketone	<10	µg/L	GE
0	Methyl ethyl ketone	<10	µg/L	IT
0	Methyl methacrylate	<10	µg/L	GE
0	Methyl methacrylate	<5.0	µg/L	IT
0	Methyl methanesulfonate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	IT
0	4-Methyl-2-pentanone	<1.0	µg/L	GE
0	4-Methyl-2-pentanone	<10	µg/L	IT
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-Methyl-4,6-dinitrophenol	<50	µg/L	IT
0	3-Methylcholanthrene	<10	µg/L	GE
0	3-Methylcholanthrene	<10	µg/L	IT
0	2-Methylnaphthalene	<10	µg/L	GE
0	2-Methylnaphthalene	<10	µg/L	IT
0	N-Nitrosodi-n-butylamine	<10	µg/L	GE
0	N-Nitrosodi-n-butylamine	<10	µg/L	IT
0	N-Nitrosodi-propylamine	<10	µg/L	GE
0	N-Nitrosodi-propylamine	<10	µg/L	IT
0	N-Nitrosodiethylamine	<10	µg/L	GE
0	N-Nitrosodiethylamine	<10	µg/L	IT
0	N-Nitrosodimethylamine	<10	µg/L	GE
0	N-Nitrosodimethylamine	<10	µg/L	IT
0	N-Nitrosodiphenylamine	<10	µg/L	GE
0	N-Nitrosodiphenylamine	<10	µg/L	IT
0	N-Nitrosomethylethylamine	<10	µg/L	GE
0	N-Nitrosomethylethylamine	<10	µg/L	IT
0	N-Nitrosomorpholine	<10	µg/L	GE
0	N-Nitrosomorpholine	<10	µg/L	IT
0	N-Nitrosopiperidine	<10	µg/L	GE
0	N-Nitrosopiperidine	<10	µg/L	IT
0	N-Nitrosopyrrolidine	<10	µg/L	GE
0	N-Nitrosopyrrolidine	<10	µg/L	IT
0	Naphthalene	<10	µg/L	GE
0	Naphthalene	<10	µg/L	IT
0	1,4-Naphthoquinone	<10	µg/L	GE
0	1,4-Naphthoquinone	<10	µg/L	IT
0	1-Naphthylamine	<10	µg/L	GE
0	1-Naphthylamine	<10	µg/L	IT
0	2-Naphthylamine	<10	µg/L	GE
0	2-Naphthylamine	<10	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	1,370	µg/L	GE
0	Nitrate as nitrogen	1,180	µg/L	IT
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	IT
0	2-Nitroaniline	<10	µg/L	GE
0	2-Nitroaniline	<50	µg/L	IT
0	3-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<50	µg/L	IT
0	4-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<50	µg/L	IT
0	Nitrobenzene	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	IT
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	IT
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	IT
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	IT
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.00005	µg/L	IT
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0011	µg/L	IT
0	Parathion	<0.50	µg/L	GE
0	Parathion	<10	µg/L	IT
0	Parathion methyl	<0.50	µg/L	GE
0	Parathion methyl	<10	µg/L	IT
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	IT
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	IT
0	PCB 1232	<0.50	µg/L	GE

WELL MSB 43B collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	PCB 1232	<0.50	µg/L	IT
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	IT
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	IT
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1254	<1.0	µg/L	IT
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1260	<1.0	µg/L	IT
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	IT
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	<0.0028	µg/L	IT
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.0014	µg/L	IT
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloroethane	<5.0	µg/L	IT
0	Pentachloroethane	<10	µg/L	IT
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	IT
0	Pentachlorophenol	<10	µg/L	GE
0	Pentachlorophenol	<50	µg/L	IT
0	Phenacetin	<10	µg/L	GE
0	Phenacetin	<10	µg/L	IT
0	Phenanthrene	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	IT
0	Phenol	<10	µg/L	GE
0	Phenol	<10	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	p-Phenylenediamine	<10	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	IT
0	Phorate	<0.50	µg/L	GE
0	Phorate	<10	µg/L	IT
0	2-Picoline	<10	µg/L	GE
0	2-Picoline	<10	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Pronamid	<10	µg/L	GE
0	Pronamid	<10	µg/L	IT
0	Propionitrile	<200	µg/L	GE
0	Propionitrile	<5.0	µg/L	IT
0	Pyrene	<10	µg/L	GE
0	Pyrene	<10	µg/L	IT
0	Pyridine	<10	µg/L	GE
0	Pyridine	<10	µg/L	IT
0	Safrole	<10	µg/L	GE
0	Safrole	<10	µg/L	IT
0	2-sec-Butyl-4,6-dinitrophenol	<50	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<10	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,000	µg/L	GE
0	Silica	8,760	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,790	µg/L	IT
0	Styrene	<1.0	µg/L	GE
0	Styrene	<5.0	µg/L	IT
0	Sulfate	3,320	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Sulfide	<1,000	µg/L	GE
0	Sulfide	<1,000	µg/L	IT
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	IT
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.0022	µg/L	IT
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.0013	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	IT
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	µg/L	IT
0	Tetraethyl dithiopyrophosphate	<10	µg/L	IT
0	Thallium	<2.0	µg/L	GE
0	Thallium	<2.0	µg/L	IT
0	Thionazin	<10	µg/L	IT
0	Tin	<2.0	µg/L	GE
0	Tin	<100	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	o-Toluidine	<10	µg/L	GE
0	o-Toluidine	<10	µg/L	IT
0	Total dissolved solids	2,000	µg/L	GE
0	Total dissolved solids	55,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
1	Total organic halogens	56	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	15	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE

WELL MSB 43B collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Toxaphene	<1.0	µg/L	IT
0	2,4,5-TP (Silvex)	<0.50	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,2,4-Trichlorobenzene	<10	µg/L	GE
0	1,2,4-Trichlorobenzene	<10	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<10	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	2,4,5-Trichlorophenol	<10	µg/L	GE
0	2,4,5-Trichlorophenol	<10	µg/L	IT
0	2,4,6-Trichlorophenol	<10	µg/L	GE
0	2,4,6-Trichlorophenol	<10	µg/L	IT
0	2,4,5-Trichlorophenoxyacetic acid	<0.50	µg/L	GE
0	2,4,5-Trichlorophenoxyacetic acid	<0.020	µg/L	IT
0	1,2,3-Trichloropropane	<1.0	µg/L	GE
0	1,2,3-Trichloropropane	<5.0	µg/L	IT
0	1,3,5-Trinitrobenzene	<10	µg/L	GE
0	1,3,5-Trinitrobenzene	<10	µg/L	IT
0	Uranium	<75	µg/L	IT
0	Vanadium	<10	µg/L	GE
0	Vanadium	<1.0	µg/L	IT
0	Vinyl acetate	<1.0	µg/L	GE
0	Vinyl acetate	<5.0	µg/L	IT
0	Xylenes	<1.0	µg/L	GE
0	Xylenes	<5.0	µg/L	IT
0	Zinc	11	µg/L	GE
0	Zinc	7.0	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.2E-09±1.5E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.1E-09±3.0E-10	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91 — Time: 11 15
Depth to water: 130.04 ft (39.64 m) below TOC — pH: 4.9
Water elevation: 227.96 ft (69.48 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 17 4°C
Water evacuated before sampling: 149 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/03/91 — Time: 13:30
Depth to water: 127.78 ft (38.94 m) below TOC — pH: 4.7
Water elevation: 229.74 ft (70.03 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 17.5°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 — Time: 15 30
Depth to water: 128.16 ft (39.06 m) below TOC — pH: 4.9
Water elevation: 229.34 ft (69.90 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 17 2°C
Water evacuated before sampling: 74 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Acenaphthene	<10	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 43D collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Acenaphthylene	< 10	µg/L	GE
0	Acetone	< 10	µg/L	GE
0	Acetonitrile (Methyl cyanide)	< 100	µg/L	GE
0	Acetophenone	< 10	µg/L	GE
0	2-Acetylaminofluorene	< 10	µg/L	GE
0	Acrolein	< 20	µg/L	GE
0	Acrylonitrile	< 20	µg/L	GE
0	Aldrin	< 0.50	µg/L	GE
0	Allyl chloride	< 50	µg/L	GE
0	4-Aminobiphenyl	< 10	µg/L	GE
0	Aniline	< 10	µg/L	GE
0	Anthracene	< 10	µg/L	GE
0	Antimony	< 3.0	µg/L	GE
0	Aramite	< 10	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	Lindane	< 0.0050	µg/L	GE
0	alpha-Benzene hexachloride	< 0.50	µg/L	GE
0	beta-Benzene hexachloride	< 0.50	µg/L	GE
0	delta-Benzene hexachloride	< 0.50	µg/L	GE
0	Benzo[a]anthracene	< 10	µg/L	GE
0	Benzo[a]pyrene	< 10	µg/L	GE
0	Benzo[b]fluoranthene	< 10	µg/L	GE
0	Benzo[g,h,i]perylene	< 10	µg/L	GE
0	Benzo[k]fluoranthene	< 10	µg/L	GE
0	Benzyl alcohol	< 20	µg/L	GE
0	Beryllium	< 3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	< 10	µg/L	GE
0	Bis(2-chloroethoxy) methane	< 10	µg/L	GE
0	Bis(2-chloroethyl) ether	< 10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	< 10	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	< 10	µg/L	GE
0	Butylbenzyl phthalate	< 10	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	540	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	1,810	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	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	5.4	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	< 0.50	µg/L	GE
0	p,p'-DDE	< 0.50	µg/L	GE
0	p,p'-DDT	< 0.50	µg/L	GE
0	Di-n-butyl phthalate	< 10	µg/L	GE
0	Di-n-octyl phthalate	< 10	µg/L	GE
0	Diallate	< 10	µg/L	GE
0	Dibenz[a,h]anthracene	< 10	µg/L	GE
0	Dibenzofuran	< 10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	< 50	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	< 10	µg/L	GE
0	Dichlorodifluoromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenol	< 10	µg/L	GE
0	2,6-Dichlorophenol	< 10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.50	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Dieldrin	< 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 MSB 43D collected on 02/01/91, laboratory analyses (continued)

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	< 50	µg/L	GE
0	2,4-Dinitrotoluene	< 10	µg/L	GE
0	2,6-Dinitrotoluene	< 10	µg/L	GE
0	1,4-Dioxane	< 10	µg/L	GE
0	Diphenylamine	< 10	µg/L	GE
0	Disulfoton	< 10	µg/L	GE
0	Endosulfan I	< 0.50	µg/L	GE
0	Endosulfan II	< 0.50	µg/L	GE
0	Endosulfan sulfate	< 0.50	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Endrin aldehyde	< 0.50	µg/L	GE
0	Ethyl methacrylate	< 10	µg/L	GE
0	Ethyl methanesulfonate	< 10	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Famphur	< 10	µg/L	GE
0	Fluoranthene	< 10	µg/L	GE
0	Fluorene	< 10	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Heptachlor	< 0.50	µg/L	GE
0	Heptachlor epoxide	< 0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	< 0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	< 0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	< 0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	< 0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	< 0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	< 0.00040	µg/L	GE
0	Hexachloroethane	< 10	µg/L	GE
0	Hexachlorophene	< 50	µg/L	GE
0	Hexachloropropene	< 10	µg/L	GE
0	2-Hexanone	< 20	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	22	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	9.0	µg/L	GE
0	Magnesium	460	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	< 10	µg/L	GE
0	Methyl methacrylate	< 10	µg/L	GE
0	Methyl methanesulfonate	< 10	µg/L	GE
0	4-Methyl-2-pentanone	< 1.0	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	940	µg/L	GE
0	5-Nitro-o-toluidine	< 10	µg/L	GE
0	2-Nitroaniline	< 10	µg/L	GE
0	3-Nitroaniline	< 10	µg/L	GE
0	4-Nitroaniline	< 10	µg/L	GE
0	Nitrobenzene	< 10	µg/L	GE
0	2-Nitrophenol	< 10	µg/L	GE
0	4-Nitrophenol	< 10	µg/L	GE
0	4-Nitroquinoline-1-oxide	< 10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	< 10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	< 0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	< 0.0010	µg/L	GE
0	Parathion	< 0.50	µg/L	GE
0	Parathion methyl	< 0.50	µg/L	GE
0	PCB 1016	< 0.50	µg/L	GE
0	PCB 1221	< 0.50	µg/L	GE
0	PCB 1232	< 0.50	µg/L	GE
0	PCB 1242	< 0.50	µg/L	GE
0	PCB 1248	< 0.50	µg/L	GE
0	PCB 1254	< 0.50	µg/L	GE
0	PCB 1260	< 0.50	µg/L	GE
0	PCB 1262	< 0.50	µg/L	GE
0	Pentachlorobenzene	< 10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	< 0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	< 0.00055	µg/L	GE

WELL MSB 43D collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	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	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	Tin	<2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	o-Toluidine	<10	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	<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)	<0.50	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	7.6	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.7E-09±2.7E-09	µCi/mL	GE
0	Tritium	1.3E-08±2.0E-07	µCi/mL	GE
0	Uranium	<1.0E-09	µCi/mL	GE

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91 — Time: 11:40
Depth to water: 128.36 ft (39.12 m) below TOC — pH: 4.7
Water elevation: 229.14 ft (69.84 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 21 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 74 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/03/91 — Time: 13:10
Depth to water: 155.27 ft (47.33 m) below TOC — pH: 4.8
Water elevation: 202.33 ft (61.67 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 17.5°C
Water evacuated before sampling: 434 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91 — Time: 14:55
Depth to water: 155.74 ft (47.47 m) below TOC — pH: 4.9
Water elevation: 201.86 ft (61.53 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 16 µS/cm — Water temperature: 17.3°C
Water evacuated before sampling: 433 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	8.0	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)	<100	µg/L	GE
0	Acetophenone	<10	µg/L	GE
0	2-Acetylaminofluorene	<10	µg/L	GE
0	Acrolein	<20	µg/L	GE
0	Acrylonitrile	<20	µg/L	GE
0	Aldrin	<0.50	µg/L	GE
0	Allyl chloride	<50	µg/L	GE
0	4-Aminobiphenyl	<10	µg/L	GE
0	Aniline	<10	µg/L	GE
0	Anthracene	<10	µg/L	GE
0	Antimony	<3.0	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	Lindane	<0.0050	µg/L	GE
0	alpha-Benzene hexachloride	<0.50	µg/L	GE
0	beta-Benzene hexachloride	<0.50	µg/L	GE
0	delta-Benzene hexachloride	<0.50	µg/L	GE
0	Benzo[a]anthracene	<10	µg/L	GE
0	Benzo[a]pyrene	<10	µg/L	GE
0	Benzo[b]fluoranthene	<10	µg/L	GE
0	Benzo[g,h,i]perylene	<10	µg/L	GE
0	Benzo[k]fluoranthene	<10	µg/L	GE
0	Benzyl alcohol	<20	µg/L	GE
0	Beryllium	<3.0	µg/L	GE
0	Bis(chloromethyl-ethyl)ether	<10	µg/L	GE
0	Bis(2-chloroethoxy) methane	<10	µg/L	GE
0	Bis(2-chloroethyl) ether	<10	µg/L	GE
0	Bis(2-ethylhexyl) phthalate	<10	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	4-Bromophenyl phenyl ether	<10	µg/L	GE
0	Butylbenzyl phthalate	<10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	380	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	1,780	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	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

ANALYTICAL RESULTS

WELL MSB 43TA collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	p,p'-DDD	<0.50	µg/L	GE
0	p,p'-DDE	<0.50	µg/L	GE
0	p,p'-DDT	<0.50	µg/L	GE
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Di-n-octyl phthalate	<10	µg/L	GE
0	Diallate	<10	µg/L	GE
0	Dibenz[a,h]anthracene	<10	µg/L	GE
0	Dibenzofuran	<10	µg/L	GE
0	1,2-Dibromo-3-chloropropane	<50	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	<10	µg/L	GE
0	Dichlorodifluoromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenol	<10	µg/L	GE
0	2,6-Dichlorophenol	<10	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.50	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dieldrin	<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	<50	µg/L	GE
0	2,4-Dinitrotoluene	<10	µg/L	GE
0	2,6-Dinitrotoluene	<10	µg/L	GE
0	1,4-Dioxane	<10	µg/L	GE
0	Diphenylamine	<10	µg/L	GE
0	Disulfoton	<10	µg/L	GE
0	Endosulfan I	<0.50	µg/L	GE
0	Endosulfan II	<0.50	µg/L	GE
0	Endosulfan sulfate	<0.50	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin aldehyde	<0.50	µg/L	GE
0	Ethyl methacrylate	<10	µg/L	GE
0	Ethyl methanesulfonate	<10	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Famphur	<10	µg/L	GE
0	Fluoranthene	<10	µg/L	GE
0	Fluorene	<10	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Heptachlor	<0.50	µg/L	GE
0	Heptachlor epoxide	<0.50	µg/L	GE
0	1,2,3,4,6,7,8-HPCDD	<0.00065	µg/L	GE
0	Heptachlorodibenzo-p-dioxin isomers	<0.00065	µg/L	GE
0	1,2,3,4,6,7,8-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-Hexachlorodibenzo-p-dioxin	<0.00045	µg/L	GE
0	Hexachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,2,3,4,7,8-Hexachlorodibenzo-p-furan	<0.00040	µg/L	GE
0	Hexachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Hexachloroethane	<10	µg/L	GE
0	Hexachlorophene	<50	µg/L	GE
0	Hexachloropropene	<10	µg/L	GE
0	2-Hexanone	<20	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	220	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	8.0	µg/L	GE
0	Magnesium	210	µg/L	GE
1	Manganese	31	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 methacrylate	<10	µg/L	GE
0	Methyl methanesulfonate	<10	µg/L	GE
0	4-Methyl-2-pentanone	<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 43TA collected on 02/01/91, laboratory analyses (continued)

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	<4.0	µg/L	GE
0	Nitrate as nitrogen	90	µg/L	GE
0	5-Nitro-o-toluidine	<10	µg/L	GE
0	2-Nitroaniline	<10	µg/L	GE
0	3-Nitroaniline	<10	µg/L	GE
0	4-Nitroaniline	<10	µg/L	GE
0	Nitrobenzene	<10	µg/L	GE
0	2-Nitrophenol	<10	µg/L	GE
0	4-Nitrophenol	<10	µg/L	GE
0	4-Nitroquinoline-1-oxide	<10	µg/L	GE
0	O,O,O-Triethyl phosphorothioate	<10	µg/L	GE
0	Octachlorodibenzo-p-dioxin isomers	<0.0010	µg/L	GE
0	Octachlorodibenzo-p-furan isomers	<0.0010	µg/L	GE
0	Parathion	<0.50	µg/L	GE
0	Parathion methyl	<0.50	µg/L	GE
0	PCB 1016	<0.50	µg/L	GE
0	PCB 1221	<0.50	µg/L	GE
0	PCB 1232	<0.50	µg/L	GE
0	PCB 1242	<0.50	µg/L	GE
0	PCB 1248	<0.50	µg/L	GE
0	PCB 1254	<0.50	µg/L	GE
0	PCB 1260	<0.50	µg/L	GE
0	PCB 1262	<0.50	µg/L	GE
0	Pentachlorobenzene	<10	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-dioxin isomers	<0.00055	µg/L	GE
0	Pentachlorodibenzo-p-furan isomers	<0.00055	µg/L	GE
0	1,2,3,7,8-Pentachlorodibenzo-p-furan	<0.00055	µg/L	GE
0	Pentachloroethane	<10	µg/L	GE
0	Pentachloronitrobenzene	<10	µg/L	GE
0	Pentachlorophenol	<10	µg/L	GE
0	Phenacetin	<10	µg/L	GE
0	Phenanthrene	<10	µg/L	GE
0	Phenol	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	p-Phenylenediamine	<10	µg/L	GE
0	Phorate	<0.50	µg/L	GE
0	2-Picoline	<10	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Pronamid	<10	µg/L	GE
0	Propionitrile	<200	µg/L	GE
0	Pyrene	<10	µg/L	GE
0	Pyridine	<10	µg/L	GE
0	Safrole	<10	µg/L	GE
0	2-sec-Butyl-4,6-dinitrophenol	<50	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	Styrene	<1.0	µg/L	GE
0	Sulfate	2,490	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Sulfotepp	<10	µg/L	GE
0	1,2,4,5-Tetrachlorobenzene	<10	µg/L	GE
0	Tetrachlorodibenzo-p-furan isomers	<0.00040	µg/L	GE
0	Tetrachlorodibenzo-p-dioxin isomers	<0.00045	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,1,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	2,3,4,6-Tetrachlorophenol	<10	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	o-Toluidine	<10	µg/L	GE
0	Total dissolved solids	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.50	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	<0.50	µg/L	GE
0	1,2,3-Trichloropropane	<1.0	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	8.2	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 — Time: 11:20
Depth to water: 154.95 ft (47.23 m) below TOC — pH: 4.7
Water elevation: 202.65 ft (61.77 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 16 µS/cm — Water temperature: 17.8°C
Water evacuated before sampling: 435 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Di-n-butyl phthalate	<10	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	Thallium	<2.0	µg/L	GE

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91 — Time: 14:05
Depth to water: 161.29 ft (49.16 m) below TOC — pH: 5.2
Water elevation: 215.81 ft (65.72 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 18 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 503 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	510	µg/L	GE
0	Chloride	1,790	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	48	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	200	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	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	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	3,100	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	27,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
1	Trichloroethylene	4.5	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91 — Time: 13:25
Depth to water: 155.02 ft (47.25 m) below TOC — pH: 5.3
Water elevation: 222.08 ft (67.69 m) msl — Alkalinity ($CaCO_3$): 4 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 18.1°C
Water evacuated before sampling: 126 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	670	µg/L	GE
0	Chloride	3,440	µg/L	GE
0	Chloroform	<1.0	µg/L	MA

WELL MSB 44B collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	21	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	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	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	7,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,200	µg/L	GE
0	Sulfate	6,180	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 — Time: 15:00
Depth to water: 145.18 ft (44.25 m) below TOC — pH: 6.1
Water elevation: 232.72 ft (70.93 m) msl — Alkalinity ($CaCO_3$): 120 mg/L
Sp. conductance: 175 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 2 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.6	pH	GE
0	Specific conductance	198	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	17,000	µg/L	GE
0	Chloride	2,340	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chloroform	<1.0	µg/L	MA
0	Chromium	4.3	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1-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	9.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	2,400	µg/L	GE
1	Manganese	46	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	630	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	14,000	µg/L	GE
0	Sulfate	10,200	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	108,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
2	Gross alpha	2.7E-08 ± 4.4E-09	µCi/mL	GE
1	Nonvolatile beta	2.7E-08 ± 5.1E-09	µCi/mL	GE
0	Total activity	1.9E-06 ± 1.4E-06	µCi/mL	EM
2	Total radium	2.9E-08 ± 6.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 10:30
Depth to water: 167.41 ft (51.03 m) below TOC — pH: 5.8
Water elevation: 213.69 ft (65.13 m) msl — Alkalinity ($CaCO_3$): 9 mg/L
Sp. conductance: 39 µS/cm — Water temperature: 16.2°C
Water evacuated before sampling: 223 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.0	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,900	µg/L	GE
0	Chloride	2,980	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	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	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	240	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	Nitrate as nitrogen	1,070	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	172	µg/L	MA
0	Total dissolved solids	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	342	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	951	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 11:15
Depth to water: 158.36 ft (48.27 m) below TOC — pH: 5.2
Water elevation: 222.74 ft (67.89 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 17.3°C
Water evacuated before sampling: 113 gal

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	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	110	µg/L	GE
0	Chloride	3,150	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	47	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	48	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	140	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,100	µg/L	GE
0	Sulfate	6,320	µg/L	GE

WELL MSB 45B collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	9.3E-07 ± 1.0E-08	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 9:50
The well was dry.

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 — Time: 15:15
Depth to water: 159.75 ft (48.69 m) below TOC — pH: 9.5
Water elevation: 212.95 ft (64.91 m) msl — Alkalinity ($CaCO_3$): 37 mg/L
Sp. conductance: 113 µS/cm — Water temperature: 20.8°C
Water evacuated before sampling: 46 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.5	pH	GE
0	Specific conductance	104	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,000	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	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	260	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	200	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
2	Potassium	9,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	26,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	10,000	µg/L	GE
0	Sulfate	18,300	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	125,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	19	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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	9.8E-09 ± 1.5E-09	µCi/mL	GE
0	Total activity	4.0E-08 ± 1.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91 — Time: 10:05
Depth to water: Not available — pH: 5.4
Water elevation: Not available — Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 120 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	26	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	810	µg/L	GE
0	Chloride	2,560	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	28	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	78	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	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	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,800	µg/L	GE
0	Sulfate	5,070	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	44,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	1.2E-06 ± 1.1E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91 — Time: 17:50
The well was dry.

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 — Time: 13:55
Depth to water: 142.45 ft (43.42 m) below TOC — pH: 6.1
Water elevation: 226.55 ft (69.05 m) msl — Alkalinity ($CaCO_3$): 23 mg/L
Sp. conductance: 97 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 174 gal

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	36	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,600	µg/L	GE
0	Chloride	4,440	µg/L	GE
0	Chloroform	<25	µg/L	MA
0	Chromium	<4.0	µg/L	GE
1	trans-1,2-Dichloroethene	58	µg/L	MA
0	1,1-Dichloroethylene	<25	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	7.5	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	850	µg/L	GE

WELL MSB 47B collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Manganese	8.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	3,170	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	810	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	12	µg/L	MA
0	Total dissolved solids	81,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	2,210	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	<25	µg/L	MA
2	Trichloroethylene	2,190	µg/L	MA
0	Gross alpha	2.7E-09 ± 1.9E-09	µCi/mL	GE
0	Nonvolatile beta	5.3E-09 ± 3.0E-09	µCi/mL	GE
1	Total radium	3.7E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	5.2E-08 ± 3.0E-07	µCi/mL	GE

WELL MSB 47BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91 — Time: 15:15
Depth to water: 152.14 ft (46.37 m) below TOC — pH: 6.7
Water elevation: 216.96 ft (66.13 m) msl — Alkalinity ($CaCO_3$): 19 mg/L
Sp. conductance: 55 µS/cm — Water temperature: 18.4°C
Water evacuated before sampling: 265 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	24	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,750	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	190	µg/L	GE
0	Manganese	6.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,030	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	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
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)	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
2	Trichloroethylene	16	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 47BB collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09±2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 137.56 ft (41.93 m) below TOC
Water elevation: 231.74 ft (70.64 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 105 gal
Time: 14:15
pH: 5.3
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.4	pH	GE
0	pH	5.5	pH	IT
0	Specific conductance	44	µS/cm	GE
0	Specific conductance	42	µS/cm	GE
0	Specific conductance	47	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	27	µg/L	GE
0	Barium	31	µg/L	GE
0	Barium	31	µg/L	IT
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,100	µg/L	GE
0	Calcium	2,300	µg/L	GE
0	Calcium	2,330	µg/L	IT
1	Carbon tetrachloride	3.0	µg/L	GE
1	Carbon tetrachloride	3.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	4,940	µg/L	GE
0	Chloride	4,940	µg/L	GE
0	Chloride	5,340	µg/L	IT
0	Chloroform	3.0	µg/L	GE
0	Chloroform	4.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloroform	<200	µg/L	MA
0	Chloroform	<200	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	trans-1,2-Dichloroethene	<200	µg/L	MA
0	trans-1,2-Dichloroethene	<200	µg/L	MA
0	1,1-Dichloroethylene	<200	µg/L	MA
0	1,1-Dichloroethylene	<200	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	11	µg/L	GE
0	Iron	5.5	µg/L	GE
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	2.8	µg/L	IT
0	Magnesium	780	µg/L	GE
0	Magnesium	860	µg/L	GE
0	Magnesium	811	µg/L	IT
1	Manganese	32	µg/L	GE
1	Manganese	35	µg/L	GE
1	Manganese	34	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	0.31	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,160	µg/L	GE
0	Nitrate as nitrogen	2,140	µg/L	GE
0	Nitrate as nitrogen	1,980	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT

WELL MSB 47C collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silica	8,100	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silica	7,430	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	4,200	µg/L	GE
0	Sodium	4,800	µg/L	GE
0	Sodium	4,540	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
2	Tetrachloroethylene	28	µg/L	GE
2	Tetrachloroethylene	25	µg/L	GE
2	Tetrachloroethylene	12	µg/L	IT
0	Tetrachloroethylene	<200	µg/L	MA
0	Tetrachloroethylene	<200	µg/L	MA
0	Total dissolved solids	52,000	µg/L	GE
0	Total dissolved solids	49,000	µg/L	GE
0	Total dissolved solids	51,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,010	µg/L	IT
2	Total organic halogens	7,270	µg/L	GE
2	Total organic halogens	6,890	µg/L	GE
2	Total organic halogens	3,830	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	16	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	4.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	1,1,1-Trichloroethane	<200	µg/L	MA
0	1,1,1-Trichloroethane	<200	µg/L	MA
2	Trichloroethylene	6,850	µg/L	GE
2	Trichloroethylene	6,850	µg/L	GE
2	Trichloroethylene	570	µg/L	IT
2	Trichloroethylene	8,000	µg/L	MA
2	Trichloroethylene	9,230	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	2.7E-09±1.6E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09±3.6E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	2.0E-09±3.5E-09	µCi/mL	GE
0	Total radium	1.0E-09±3.2E-09	µCi/mL	GE
0	Total radium	2.0E-09±5.0E-10	µCi/mL	IT
1	Tritium	1.6E-05±5.0E-07	µCi/mL	GE
1	Tritium	1.5E-05±4.0E-07	µCi/mL	GE
1	Tritium	1.2E-05±2.0E-06	µCi/mL	IT

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 137.56 ft (41.93 m) below TOC
Water elevation: 231.74 ft (70.64 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 105 gal
Time: 14:15
pH: 5.3
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.4	pH	IT
0	Specific conductance	42	µS/cm	GE
0	Specific conductance	47	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	32	µg/L	GE
0	Barium	30	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,400	µg/L	GE
0	Calcium	2,190	µg/L	IT
1	Carbon tetrachloride	3.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	5,680	µg/L	GE
0	Chloride	5,500	µg/L	IT
0	Chloroform	4.0	µg/L	GE
0	Chloroform	J 0.90	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT

WELL MSB 47C collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	6.3	µg/L	GE
0	Iron	6.2	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	3.1	µg/L	IT
0	Magnesium	920	µg/L	GE
0	Magnesium	772	µg/L	IT
1	Manganese	36	µg/L	GE
1	Manganese	32	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	0.26	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,160	µg/L	GE
0	Nitrate as nitrogen	1,910	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	9,000	µg/L	GE
0	Silica	7,100	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	5,100	µg/L	GE
0	Sodium	4,260	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
2	Tetrachloroethylene	19	µg/L	GE
2	Tetrachloroethylene	13	µg/L	IT
0	Total dissolved solids	58,000	µg/L	GE
0	Total dissolved solids	47,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
2	Total organic halogens	11,800	µg/L	GE
2	Total organic halogens	3,390	µg/L	IT
2	Total organic halogens	3,940	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	3.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
2	Trichloroethylene	8,200	µg/L	GE
2	Trichloroethylene	1,700	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.3E-09±3.2E-09	µCi/mL	GE
0	Total radium	2.2E-09±5.0E-10	µCi/mL	IT
1	Tritium	1.5E-05±4.0E-07	µCi/mL	GE
1	Tritium	1.4E-05±2.0E-06	µCi/mL	IT

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 134.77 ft (41.08 m) below TOC
Water elevation: 234.43 ft (71.46 m) msl
Sp. conductance: 82 µS/cm
Water evacuated before sampling: 34 gal
Time: 15:00
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	37	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,000	µg/L	GE
0	Chloride	6,490	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,300	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	3,670	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,700	µg/L	GE

WELL MSB 47D collected on 01/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	5,000	µg/L	GE
0	Sulfate	1,230	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	55,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	29	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	1.8	µg/L	MA
0	Gross alpha	3.8E-09±2.1E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09±2.8E-09	µCi/mL	GE
0	Total activity	6.1E-06±1.1E-06	µCi/mL	EM
2	Total radium	5.6E-09±4.0E-09	µCi/mL	GE
0	Tritium	1.7E-06±2.0E-07	µCi/mL	GE

WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/15/91
Depth to water: 152.94 ft (46.62 m) below TOC
Water elevation: 216.06 ft (65.86 m) msl
Sp. conductance: 24 µS/cm
Water evacuated before sampling: 448 gal
Time: 14:45
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.6°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	19	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	600	µg/L	GE
0	Chloride	2,330	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	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	9.7	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	430	µg/L	GE
0	Manganese	5.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,300	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MA
0	Total dissolved solids	47,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	544	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	725	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.2E-09±2.8E-09	µCi/mL	GE
0	Tritium	1.1E-06±2.0E-07	µCi/mL	GE

WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91
Depth to water: 141.38 ft (43.09 m) below TOC
Water elevation: 220.82 ft (67.31 m) msl
Sp. conductance: 29 µS/cm
Water evacuated before sampling: 252 gal
Time: 12:10
pH: 5.8
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 18.3°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	6.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 48A collected on 01/28/91, laboratory analyses (continued)

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	2,100	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	9.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	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	Nitrate as nitrogen	1,540	µg/L	GE
0	Phenols	15	µg/L	GE
0	Potassium	690	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	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 organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 48B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91
Depth to water: 139.84 ft (42.62 m) below TOC
Water elevation: 222.08 ft (67.68 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 175 gal

Time: 12:45
pH: 5.8
Alkalinity ($CaCO_3$): 5 mg/L
Water temperature: 17.8°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	7.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,010	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE

WELL MSB 48B collected on 01/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	29	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	590	µg/L	GE
0	Manganese	3.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,930	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	630	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	130	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	15,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	332	µg/L	GE
0	Total phosphates (as P)	60	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	540	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	8.7E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91
Depth to water: 140.58 ft (42.85 m) below TOC
Water elevation: 222.32 ft (67.76 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 122 gal

Time: 16:55
pH: 6.0
Alkalinity ($CaCO_3$): 8 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	26	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,400	µg/L	GE
0	Chloride	2,250	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
0	1,1-Dichloroethylene	<2.0	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
2	Iron	510	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	640	µg/L	GE
0	Manganese	13	µg/L	GE
0	Mercury	0.38	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	2,060	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	770	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	3,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Total dissolved solids	16,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	69	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	147	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 1.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.3E-08 ± 3.0E-07	µCi/mL	GE

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 Time: 16:40
Depth to water: 132.74 ft (40.46 m) below TOC
Water elevation: 230.48 ft (70.25 m) msl
The well pumped dry before all field parameters were collected.

WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91 Time: 11:25
Depth to water: 141.87 ft (43.24 m) below TOC pH: 9.7
Water elevation: 220.53 ft (67.22 m) msl Alkalinity ($CaCO_3$): 28 mg/L
Sp. conductance: 73 µS/cm Water temperature: 17.0°C
Water evacuated before sampling: 309 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.3	pH	GE
0	Specific conductance	54	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,380	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	25	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	330	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	1,360	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,300	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	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
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	8.7E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/13/91 Time: 13:50
Depth to water: 139.45 ft (42.50 m) below TOC pH: 5.0
Water elevation: 195.95 ft (59.73 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 27 µS/cm Water temperature: 18.6°C
Water evacuated before sampling: 323 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Chloride	2,190	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	51	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	230	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	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	9,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	4,830	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.7E-09 ± 2.8E-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 MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/13/91 Time: 13:30
Depth to water: 133.68 ft (40.74 m) below TOC pH: 6.1
Water elevation: 201.14 ft (61.31 m) msl Alkalinity ($CaCO_3$): 9 mg/L
Sp. conductance: 54 µS/cm Water temperature: 17.7°C
Water evacuated before sampling: 252 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	44	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,900	µg/L	GE
0	Chloride	1,890	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	5.9	µg/L	MA
0	1,1-Dichloroethylene	<2.0	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	Magnesium	520	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	Nitrate as nitrogen	2,490	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	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,100	µg/L	GE
0	Sulfate	1,440	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 49B collected on 01/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
1	Tetrachloroethylene	4.5	µg/L	MA
0	Total dissolved solids	28,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	68	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	131	µg/L	MA
0	Gross alpha	2.3E-09±1.8E-09	µCi/mL	GE
0	Nonvolatile beta	4.5E-09±2.9E-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 MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/13/91
Depth to water: 109.16 ft (33.27 m) below TOC
Water elevation: 225.04 ft (68.59 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 11 gal
The well went dry during purging.

Time: 12:40
pH: 5.5
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 16.9°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	9.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Chloride	2,190	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	44	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	560	µg/L	GE
0	Manganese	7.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	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	5,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	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)	<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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	3.3E-09±2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	5.2E-06±1.1E-06	µCi/mL	EM
1	Total radium	2.6E-09±2.8E-09	µCi/mL	GE
0	Tritium	1.8E-06±3.0E-07	µCi/mL	GE

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91
Depth to water: 22.03 ft (6.71 m) below TOC
Water elevation: 201.97 ft (61.56 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 151 gal

Time: 11:45
pH: 5.8
Alkalinity ($CaCO_3$): 5 mg/L
Water temperature: 16.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,400	µg/L	GE
0	Chloride	1,960	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE

WELL MSB 50B collected on 01/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA
0	1,1-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	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	380	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	Nitrate as nitrogen	870	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	6.8	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	18	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	MA
2	Trichloroethylene	19	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.7E-06±2.0E-07	µCi/mL	GE

WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91
Depth to water: 21.36 ft (6.51 m) below TOC
Water elevation: 202.14 ft (61.61 m) msl
Sp. conductance: 89 µS/cm
Water evacuated before sampling: 42 gal

Time: 12:00
pH: 5.8
Alkalinity ($CaCO_3$): 12 mg/L
Water temperature: 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	74	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	880	µg/L	GE
0	Chloride	7,660	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	22	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	340	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	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	2,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,000	µg/L	GE
0	Sulfate	9,750	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09±2.7E-09	µCi/mL	GE
0	Total activity	6.7E-07±1.0E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.0E-06±2.0E-07	µCi/mL	GE

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91 Time: 10:55
Depth to water: 60.08 ft (18.31 m) below TOC pH: 6.0
Water elevation: 203.42 ft (62.00 m) msl Alkalinity ($CaCO_3$): 9 mg/L
Sp. conductance: 32 µS/cm Water temperature: 16.3°C
Water evacuated before sampling: 142 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	pH	6.3	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Barium	10	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,500	µg/L	GE
0	Calcium	3,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,330	µg/L	GE
0	Chloride	2,280	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	MA
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	7.3	µg/L	GE
0	Iron	6.0	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	270	µg/L	GE
0	Magnesium	270	µg/L	GE
0	Manganese	3.3	µg/L	GE
0	Manganese	3.3	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	Nitrate as nitrogen	260	µg/L	GE
0	Nitrate as nitrogen	260	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	9,700	µg/L	GE
0	Silica	6,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
2	Tetrachloroethylene	8.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	41,000	µg/L	GE
0	Total dissolved solids	47,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE

WELL MSB 51B collected on 01/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Trichloroethylene	5.0	µg/L	IT
0	Trichloroethylene	<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	2.7E-09±3.5E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	1.7E-06±1.0E-06	µCi/mL	EM
0	Total radium	1.7E-09±3.3E-09	µCi/mL	GE
0	Total radium	2.1E-09±3.5E-09	µCi/mL	GE
0	Tritium	2.8E-06±3.0E-07	µCi/mL	GE
0	Tritium	2.8E-06±3.0E-07	µCi/mL	GE

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91 Time: 10:55
Depth to water: 60.08 ft (18.31 m) below TOC pH: 6.0
Water elevation: 203.42 ft (62.00 m) msl Alkalinity ($CaCO_3$) 9 mg/L
Sp. conductance: 32 µS/cm Water temperature: 16.3°C
Water evacuated before sampling: 142 gal

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91 Time: 15.20
Depth to water: 54.05 ft (16.47 m) below TOC pH: 5.1
Water elevation: 208.45 ft (63.54 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 27 µS/cm Water temperature: 15.6°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	800	µg/L	GE
0	Chloride	1,780	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	450	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	60	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,700	µg/L	GE
0	Sulfate	5,740	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	2.0E-09±2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09±3.5E-09	µCi/mL	GE
0	Total activity	3.7E-06±1.1E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.9E-06±3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 — Time: 15:55
Depth to water: 105.15 ft (32.05 m) below TOC — pH: 5.9
Water elevation: 216.75 ft (66.07 m) msl — Alkalinity ($CaCO_3$): 17 mg/L
Sp. conductance: 68 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 147 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	61	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,100	µg/L	GE
0	Chloride	3,840	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	4.8	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	830	µg/L	GE
0	Manganese	11	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	850	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	15	µg/L	MA
0	Total dissolved solids	61,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	518	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	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
0	Total radium	1.8E-09±1.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/24/91 — Time: 11:40
Depth to water: 86.46 ft (26.35 m) below TOC — pH: 5.7
Water elevation: 235.34 ft (71.73 m) msl — Alkalinity ($CaCO_3$): 4 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 12.4°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	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,500	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	Iron	73	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	390	µg/L	GE
0	Manganese	4.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Potassium	600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA

WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91 — Time: 15:35
Depth to water: 124.45 ft (37.93 m) below TOC — pH: 5.2
Water elevation: 220.15 ft (67.10 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 17 µS/cm — Water temperature: 16.4°C
Water evacuated before sampling: 190 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	5.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	590	µg/L	GE
0	Chloride	2,310	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	6.6	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	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	6,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	1,170	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
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)	<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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.1E-09±3.7E-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 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91 — Time: 15:10
Depth to water: 124.16 ft (37.84 m) below TOC — pH: 5.2
Water elevation: 221.34 ft (67.47 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 16.2°C
Water evacuated before sampling: 102 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	700	µg/L	GE
0	Chloride	2,280	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	8.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	330	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	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	7,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	1,830	µg/L	GE

WELL MSB 53C collected on 01/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	1.5	µg/L	MA
0	Total dissolved solids	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	2.1	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09±2.8E-09	µCi/mL	GE
0	Total activity	2.4E-06±1.1E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.5E-06±2.0E-07	µCi/mL	GE

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91
Depth to water: 112.37 ft (34.25 m) below TOC
Water elevation: 232.73 ft (70.94 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 25 gal
Time: 15:00
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	330	µg/L	GE
0	Chloride	2,570	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	100	µg/L	GE
0	Lead	18	µg/L	GE
0	Magnesium	290	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	760	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	4,650	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	9,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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 activity	1.9E-06±1.0E-06	µCi/mL	EM
0	Total radium	1.5E-09±2.6E-09	µCi/mL	GE
0	Tritium	1.2E-06±2.0E-07	µCi/mL	GE

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91
Depth to water: 152.76 ft (46.56 m) below TOC
Water elevation: 220.94 ft (67.34 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 250 gal
Time: 15:40
pH: 5.6
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 18.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	pH	6.2	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Specific conductance	19	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.6	µg/L	GE
0	Barium	7.7	µg/L	GE
0	Lindane	<0.010	µg/L	GE

WELL MSB 54B collected on 01/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.010	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,300	µg/L	GE
0	Calcium	2,300	µg/L	GE
0	Chloride	1,460	µg/L	GE
0	Chloride	1,460	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	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	13	µg/L	GE
0	Iron	9.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	3.1	µg/L	GE
0	Manganese	3.6	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	Nitrate as nitrogen	810	µg/L	GE
0	Nitrate as nitrogen	800	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	9,000	µg/L	GE
0	Silica	9,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
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 carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	7.9E-07±1.0E-06	µCi/mL	EM
0	Total radium	1.7E-09±3.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91
Depth to water: 147.94 ft (45.09 m) below TOC
Water elevation: 225.76 ft (68.81 m) msl
Sp. conductance: 157 µS/cm
Water evacuated before sampling: 286 gal
Time: 14:50
pH: 10.5
Alkalinity ($CaCO_3$): 48 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Specific conductance	125	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	46	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	20,000	µg/L	GE
0	Chloride	1,350	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 54C collected on 01/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	9.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	410	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	1,160	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	860	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	51,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	2.1E-09±2.1E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	8.7E-07±1.0E-06	µCi/mL	EM
0	Total radium	2.0E-09±3.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91 — Time: 16:05
Depth to water: Not available — pH: 4.6
Water elevation: Not available — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 17.7°C
Water evacuated before sampling: 19 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	590	µg/L	GE
0	Chloride	920	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	34	µg/L	GE
0	Lead	12	µg/L	GE
0	Magnesium	630	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	1,720	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	6,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	13,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09±2.8E-09	µCi/mL	GE
0	Total activity	1.9E-06±1.1E-06	µCi/mL	EM
0	Total radium	2.0E-09±2.7E-09	µCi/mL	GE
0	Tritium	1.9E-06±3.0E-07	µCi/mL	GE

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/14/91 — Time: 15:50
Depth to water: 155.95 ft (47.53 m) below TOC — pH: 7.0
Water elevation: 217.85 ft (66.40 m) msl — Alkalinity ($CaCO_3$): 17 mg/L
Sp. conductance: 49 µS/cm — Water temperature: 18.6°C
Water evacuated before sampling: 386 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.6	pH	GE
0	Specific conductance	42	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,900	µg/L	GE
0	Chloride	1,160	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	9.1	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	280	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	Nitrate as nitrogen	790	µg/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	2,100	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	8,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	2.2E-09±1.8E-09	µCi/mL	GE
0	Nonvolatile beta	4.1E-09±2.9E-09	µCi/mL	GE
0	Total activity	4.7E-07±1.0E-06	µCi/mL	EM
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: 02/06/91 — Time: 15:40
Depth to water: 148.98 ft (45.41 m) below TOC — pH: 4.2
Water elevation: 219.92 ft (67.03 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 55 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 191 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.4	pH	GE
0	Specific conductance	37	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	780	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,230	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE

WELL MSB 55B collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	99	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	640	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	< 50	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Potassium	570	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
2	Silica	43,000	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	2,000	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	80,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichlorofluoromethane	< 1.0	µg/L	GE
0	Gross alpha	3.8E-09 ± 1.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.5E-09 ± 1.5E-09	µCi/mL	GE
2	Total radium	6.9E-09 ± 3.7E-09	µCi/mL	GE
0	Tritium	< 7.0E-07	µCi/mL	GE

WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91
Depth to water: 141.82 ft (43.23 m) below TOC
Water elevation: 227.68 ft (69.40 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 115 gal

Time: 16:30
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.2	pH	IT
0	Specific conductance	13	µS/cm	GE
0	Specific conductance	23	µS/cm	IT
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	IT
0	Barium	4.4	µg/L	GE
0	Barium	3.3	µg/L	IT
0	Lindane	< 0.0050	µg/L	GE
0	Lindane	< 0.010	µg/L	IT
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 1.5	µg/L	IT
0	Calcium	880	µg/L	GE
0	Calcium	737	µg/L	IT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	IT
0	Chloride	1,920	µg/L	GE
0	Chloride	1,910	µg/L	IT
0	Chloride	1,910	µg/L	IT
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 0.40	µg/L	IT
0	Chloroform	< 1.0	µg/L	MA
0	Chloroform	< 1.0	µg/L	MA
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 2.5	µg/L	IT
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	trans-1,2-Dichloroethene	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	1,1-Dichloroethylene	< 1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.10	µg/L	IT
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 0.020	µg/L	IT
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 250	µg/L	IT
0	Fluoride	< 250	µg/L	IT
0	Iron	27	µg/L	GE
0	Iron	10	µg/L	IT
0	Lead	5.0	µg/L	GE
0	Lead	< 2.0	µg/L	IT
0	Magnesium	310	µg/L	GE
0	Magnesium	258	µg/L	IT
0	Manganese	12	µg/L	GE
0	Manganese	11	µg/L	IT
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	IT
0	Methoxychlor	< 0.50	µg/L	GE

WELL MSB 55C collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	< 0.50	µg/L	IT
0	Nitrate as nitrogen	1,180	µg/L	GE
0	Nitrate as nitrogen	1,030	µg/L	IT
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	IT
0	Potassium	< 500	µg/L	GE
0	Potassium	< 500	µg/L	IT
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 3.0	µg/L	IT
0	Silica	8,300	µg/L	GE
0	Silica	8,860	µg/L	IT
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.5	µg/L	IT
0	Sodium	2,800	µg/L	GE
0	Sodium	2,310	µg/L	IT
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	IT
0	Sulfate	< 1,000	µg/L	IT
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 0.40	µg/L	IT
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Tetrachloroethylene	< 1.0	µg/L	MA
0	Total dissolved solids	21,000	µg/L	GE
0	Total dissolved solids	130,000	µg/L	IT
0	Total organic carbon	< 1,000	µg/L	GE
0	Total organic carbon	< 1,000	µg/L	IT
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	< 5.0	µg/L	IT
0	Total phosphates (as P)	< 50	µg/L	GE
0	Total phosphates (as P)	14	µg/L	IT
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 0.50	µg/L	IT
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.020	µg/L	IT
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 0.40	µg/L	IT
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	1,1,1-Trichloroethane	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	< 0.40	µg/L	IT
0	Trichloroethylene	< 1.0	µg/L	MA
0	Trichloroethylene	< 1.0	µg/L	MA
0	Gross alpha	< 2.0E-09	µCi/mL	GE
0	Gross alpha	2.1E-09 ± 1.4E-09	µCi/mL	IT
0	Nonvolatile beta	< 2.0E-09	µCi/mL	GE
0	Nonvolatile beta	< 5.0E-09	µCi/mL	IT
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Total radium	< 1.0E-09	µCi/mL	IT
0	Tritium	7.5E-07 ± 2.0E-07	µCi/mL	GE
0	Tritium	< 1.0E-06	µCi/mL	IT

WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91
Depth to water: 141.82 ft (43.23 m) below TOC
Water elevation: 227.68 ft (69.40 m) msl
Sp. conductance: 21 µS/cm
Water evacuated before sampling: 115 gal

Time: 16:30
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	pH	5.2	pH	IT
0	pH	5.2	pH	IT
0	Specific conductance	14	µS/cm	GE
0	Specific conductance	22	µS/cm	IT
0	Arsenic	< 2.0	µg/L	GE
0	Arsenic	< 2.0	µg/L	IT
0	Barium	4.0	µg/L	GE
0	Barium	3.4	µg/L	IT
0	Lindane	< 0.0050	µg/L	GE
0	Lindane	< 0.010	µg/L	IT
0	Cadmium	< 2.0	µg/L	GE
0	Cadmium	< 1.5	µg/L	IT
0	Calcium	780	µg/L	GE
0	Calcium	728	µg/L	IT
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	IT
0	Chloride	1,920	µg/L	GE
0	Chloride	1,920	µg/L	IT
0	Chloroform	< 1.0	µg/L	GE
0	Chloroform	< 0.40	µg/L	IT
0	Chromium	< 4.0	µg/L	GE
0	Chromium	< 2.5	µg/L	IT
0	Copper	< 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.10	µg/L	IT
0	Endrin	< 0.0060	µg/L	GE
0	Endrin	< 0.020	µg/L	IT
0	Fluoride	< 100	µg/L	GE
0	Fluoride	< 250	µg/L	IT
0	Iron	18	µg/L	GE
0	Iron	14	µg/L	IT
0	Lead	4.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 55C collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lead	<2.0	µg/L	IT
0	Magnesium	290	µg/L	GE
0	Magnesium	265	µg/L	IT
0	Manganese	11	µg/L	GE
0	Manganese	11	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,170	µg/L	GE
0	Nitrate as nitrogen	1,020	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,000	µg/L	GE
0	Silica	6,950	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	2,700	µg/L	GE
0	Sodium	2,390	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Total dissolved solids	17,000	µg/L	GE
0	Total dissolved solids	47,000	µg/L	IT
0	Total dissolved solids	52,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
2	Total organic halogens	515	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	20	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<0.40	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.1E-09±4.0E-10	µCi/mL	IT
0	Tritium	8.7E-07±2.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 26 gal
Time: 17:35
pH: 5.3
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Chloride	2,070	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	43	µg/L	GE
0	Lead	14	µg/L	GE
0	Magnesium	550	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,840	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	6,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,700	µg/L	GE
0	Sulfate	1,230	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	104,000	µg/L	GE

WELL MSB 55D collected on 02/06/91, laboratory analyses (continued)

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)	60	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	2.4E-09±1.5E-09	µCi/mL	GE
0	Nonvolatile beta	5.5E-09±2.5E-09	µCi/mL	GE
0	Total activity	3.1E-06±1.1E-06	µCi/mL	EM
1	Total radium	4.6E-09±3.3E-09	µCi/mL	GE
0	Tritium	1.5E-06±3.0E-07	µCi/mL	GE

WELL MSB 55HC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91
Depth to water: 137.78 ft (42.00 m) below TOC
Water elevation: 231.02 ft (70.42 m) msl
Sp. conductance: 2020 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 11:15
pH: 12.3
Alkalinity ($CaCO_3$): 618 mg/L
Water temperature: 16.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	pH	12	pH	GE
2	Specific conductance	1,890	µS/cm	GE
2	Specific conductance	1,890	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	770	µg/L	GE
1	Barium	770	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	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
2	Calcium	72,000	µg/L	GE
2	Calcium	72,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	700	µg/L	GE
0	Chloride	700	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	43	µg/L	GE
0	Iron	26	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Lead	10	µg/L	GE
0	Magnesium	19	µg/L	GE

WELL MSB 55HC collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Magnesium	29	µg/L	GE
0	Manganese	2.4	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	Nitrate as nitrogen	150	µg/L	GE
0	Nitrate as nitrogen	110	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	27,000	µg/L	GE
2	Potassium	27,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,000	µg/L	GE
0	Silica	4,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	20,000	µg/L	GE
0	Sodium	20,000	µg/L	GE
0	Sulfate	9,570	µg/L	GE
0	Sulfate	9,620	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	4.0	µg/L	GE
0	Toluene	4.0	µg/L	GE
2	Total dissolved solids	636,000	µg/L	GE
2	Total dissolved solids	673,000	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)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.8E-08 ± 4.3E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-08 ± 4.7E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 3.1E-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	2.6E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91
Depth to water: 156.40 ft (47.67 m) below TOC
Water elevation: 212.40 ft (64.74 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 332 gal

Time: 12:35
pH: 5.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	18	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,360	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE

WELL MSB 55TA collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	92	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	160	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	490	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	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	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91
Depth to water: 59.95 ft (18.27 m) below TOC
Water elevation: 219.85 ft (67.01 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 24 gal

Time: 13:20
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	pH	5.7	pH	IT
0	Specific conductance	25	µS/cm	GE
0	Specific conductance	27	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	8.5	µg/L	GE
0	Barium	7.8	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	550	µg/L	GE
0	Calcium	494	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	3,570	µg/L	GE
0	Chloride	3,410	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	IT
0	Chloroform	<1.0	µg/L	MA
0	Chloroform	<1.0	µg/L	MA
0	Chromium	5.9	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	62	µg/L	GE
0	Iron	59	µg/L	IT
0	Lead	11	µg/L	GE
1	Lead	30	µg/L	IT
0	Magnesium	540	µg/L	GE
0	Magnesium	498	µg/L	IT
0	Manganese	10	µg/L	GE
0	Manganese	7.6	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 56D collected on 02/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	740	µg/L	GE
0	Nitrate as nitrogen	760	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	970	µg/L	GE
0	Potassium	1,060	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	6,600	µg/L	GE
0	Silica	5,100	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,800	µg/L	GE
0	Sodium	1,550	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	41,000	µg/L	GE
0	Total dissolved solids	15,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	23	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<0.40	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
1	Gross alpha	1.1E-08±3.8E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	6.2E-09±4.2E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total activity	2.9E-06±9.8E-07	µCi/mL	EM
1	Total radium	4.8E-09±4.1E-09	µCi/mL	GE
1	Total radium	3.7E-09±6.0E-10	µCi/mL	IT
0	Tritium	2.2E-06±3.0E-07	µCi/mL	GE
0	Tritium	1.5E-06±2.0E-07	µCi/mL	IT

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91
Depth to water: 59.95 ft (18.27 m) below TOC
Water elevation: 219.85 ft (67.01 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 24 gal

Time: 13:20
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	pH	6.1	pH	GE
0	pH	6.0	pH	IT
0	pH	6.0	pH	IT
0	Specific conductance	21	µS/cm	GE
0	Specific conductance	21	µS/cm	GE
0	Specific conductance	27	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	7.8	µg/L	GE
0	Barium	7.9	µg/L	GE
0	Barium	8.4	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	440	µg/L	GE
0	Calcium	450	µg/L	GE
0	Calcium	577	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	3,600	µg/L	GE
0	Chloride	3,640	µg/L	GE
0	Chloride	3,510	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE

WELL MSB 56D collected on 02/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	61	µg/L	GE
0	Iron	62	µg/L	GE
0	Iron	54	µg/L	IT
1	Lead	40	µg/L	GE
1	Lead	38	µg/L	GE
0	Lead	14	µg/L	IT
0	Magnesium	470	µg/L	GE
0	Magnesium	480	µg/L	GE
0	Magnesium	334	µg/L	IT
0	Manganese	6.8	µg/L	GE
0	Manganese	6.8	µg/L	GE
0	Manganese	9.8	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	740	µg/L	GE
0	Nitrate as nitrogen	740	µg/L	GE
0	Nitrate as nitrogen	780	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	980	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Potassium	897	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	5,300	µg/L	GE
0	Silica	5,500	µg/L	GE
0	Silica	6,090	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,600	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sodium	1,620	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Total dissolved solids	41,000	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total dissolved solids	16,000	µg/L	IT
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	IT
1	Total organic halogens	55	µg/L	GE
0	Total organic halogens	48	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	17	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
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	<0.40	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<0.40	µg/L	IT
0	Gross alpha	3.3E-09±2.4E-09	µCi/mL	GE
0	Gross alpha	2.6E-09±1.7E-09	µCi/mL	GE
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	4.5E-09±3.8E-09	µCi/mL	GE
0	Nonvolatile beta	7.6E-09±4.1E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
1	Total radium	4.9E-09±4.1E-09	µCi/mL	GE
1	Total radium	4.6E-09±4.0E-09	µCi/mL	GE
1	Total radium	3.8E-09±6.0E-10	µCi/mL	IT
0	Tritium	2.2E-06±3.0E-07	µCi/mL	GE
0	Tritium	2.2E-06±3.0E-07	µCi/mL	GE
0	Tritium	1.5E-06±2.0E-07	µCi/mL	IT

WELL MSB 57D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91 Time: 14:55
Depth to water: 127.77 ft (38.94 m) below TOC
Water elevation: 228.43 ft (69.63 m) msl
The well pumped dry before all field parameters were collected.

WELL MSB 57D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 14:20
Depth to water: 127.82 ft (38.96 m) below TOC pH: 6.8
Water elevation: 228.38 ft (69.61 m) msl Alkalinity ($CaCO_3$): 80 mg/L
Sp. conductance: 161 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 18 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.7	pH	GE
0	Specific conductance	135	µS/cm	GE
0	Aluminum	75	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	21,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,770	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	25	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	530	µg/L	GE
1	Manganese	44	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	180	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,200	µg/L	GE
0	Sulfate	4,060	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	55,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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	21	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	5.0E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	2.4E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	1.9E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 14:15
Inaccessibility or pump failure prevented sample collection.

WELL MSB 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 Time: 13:30
Depth to water: 129.65 ft (39.52 m) below TOC pH: 6.3
Water elevation: 228.25 ft (69.57 m) msl Alkalinity ($CaCO_3$): 44 mg/L
Sp. conductance: 118 µS/cm Water temperature: 18.5°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	pH	6.9	pH	GE
0	Specific conductance	109	µS/cm	GE
0	Specific conductance	109	µS/cm	GE
0	Aluminum	48	µg/L	GE
0	Aluminum	47	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<50	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<50	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<50	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<50	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	17,000	µg/L	GE
1	Calcium	20,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<50	µg/L	GE
0	Chloride	2,750	µg/L	GE
0	Chloride	2,770	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<50	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<50	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<50	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<50	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<50	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<50	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	5.5	µg/L	GE
0	Copper	4.1	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<50	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<50	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<50	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<50	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<50	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<50	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	<50	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<50	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<50	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	<50	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Magnesium	430	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 58D collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
1	Manganese	44	µg/L	GE
2	Manganese	51	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	4.3	µg/L	GE
0	Nickel	4.8	µg/L	GE
0	Nitrate as nitrogen	1,180	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	550	µg/L	GE
0	Potassium	580	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silica	9,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,200	µg/L	GE
0	Sodium	5,800	µg/L	GE
0	Sulfate	1,530	µg/L	GE
0	Sulfate	1,530	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<50	µg/L	GE
2	Tetrachloroethylene	3,580	µg/L	GE
2	Tetrachloroethylene	3,580	µg/L	GE
0	Toluene	2.0	µg/L	GE
0	Toluene	<50	µg/L	GE
0	Total dissolved solids	112,000	µg/L	GE
0	Total dissolved solids	101,000	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	6,290	µg/L	GE
2	Total organic halogens	5,950	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phospnates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	2.0	µg/L	GE
0	1,1,1-Trichloroethane	<50	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<50	µg/L	GE
2	Trichloroethylene	3,900	µg/L	GE
2	Trichloroethylene	4,020	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<50	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	26	µg/L	GE
0	Zinc	26	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 3.4E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	5.0E-08 ± 1.1E-08	µCi/mL	EM
0	Total radium	1.0E-09 ± 3.1E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	2.0E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	1.8E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 12:30
Depth to water: 132.85 ft (40.49 m) below TOC pH: 6.3
Water elevation: 226.45 ft (69.02 m) msl Alkalinity ($CaCO_3$): 13 mg/L
Sp. conductance: 136 µS/cm Water temperature: 18.6°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	Specific conductance	118	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,590	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE

WELL MSB 59D collected on 01/31/91, laboratory analyses (continued)

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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	51	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	680	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	4.9	µg/L	GE
1	Nitrate as nitrogen	5,210	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	26,000	µg/L	GE
0	Sulfate	7,830	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	24,000	µg/L	GE
0	Toluene	5.0	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	23,900	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	5,400	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	61	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 2.6E-09	µCi/mL	GE
0	Total activity	2.6E-08 ± 1.1E-06	µCi/mL	EM
0	Total radium	1.4E-09 ± 2.7E-09	µCi/mL	GE
0	Tritium	1.7E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/27/91 Time: 15:55
Depth to water: 127.41 ft (38.84 m) below TOC pH: 6.1
Water elevation: 227.09 ft (69.22 m) msl Alkalinity ($CaCO_3$): 15 mg/L
Sp. conductance: 69 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 49 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.3	pH	GE
0	Specific conductance	48	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.6	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,300	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	2.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	2.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE

WELL MSB 60D collected on 01/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	38	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	360	µg/L	GE
0	Manganese	24	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	4.7	µg/L	GE
0	Nitrate as nitrogen	2,030	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	520	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sulfate	5,730	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	57	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	153	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	5.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	39	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	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 activity	7.1E-06 ± 1.2E-06	µCi/mL	EM
0	Total radium	1.6E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91 — Time: 14:05
Depth to water: 96.65 ft (29.46 m) below TOC — pH: 5.3
Water elevation: 220.95 ft (67.35 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 16.7°C
Water evacuated before sampling: 136 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	670	µg/L	GE
0	Chloride	3,080	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	29	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	750	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	1,380	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	4,700	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	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 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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.1E-09 ± 3.0E-09	µCi/mL	GE
0	Total activity	2.8E-06 ± 1.0E-06	µCi/mL	EM
0	Total radium	1.5E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	2.9E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/10/91 — Time: 15:50
Depth to water: 95.37 ft (29.07 m) below TOC — pH: 4.9
Water elevation: 222.73 ft (67.89 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 15.9°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	470	µg/L	GE
0	Chloride	3,020	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	36	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Magnesium	410	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	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	5,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	2,830	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	3.2E-06 ± 1.1E-06	µCi/mL	EM
0	Total radium	1.5E-09 ± 2.6E-09	µCi/mL	GE
0	Tritium	1.7E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91 — Time: 16:20
Inaccessibility or pump failure prevented sample collection.

WELL MSB 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 — Time: 17:45
Depth to water: 144.61 ft (44.08 m) below TOC — pH: 5.8
Water elevation: 204.49 ft (62.33 m) msl — Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 41 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 170 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.9	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Aluminum	34	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,990	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 62B collected on 03/12/91, laboratory analyses (continued)

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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	27	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	390	µg/L	GE
2	Manganese	110	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	140	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	770	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,000	µg/L	GE
0	Sulfate	3,590	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	15,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	41	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	1.2E-08 ± 1.0E-08	µCi/mL	EM
0	Total radium	1.3E-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: 02/03/91 Time: 16:15
Inaccessibility or pump failure prevented sample collection.

WELL MSB 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 18:20
Depth to water: 129.50 ft (39.47 m) below TOC pH: 5.5
Water elevation: 219.60 ft (66.93 m) msl Alkalinity ($CaCO_3$): 7 mg/L
Sp. conductance: 244 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 85 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	241	µS/cm	GE
0	Aluminum	35	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	32	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,710	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

WELL MSB 62C collected on 03/12/91, laboratory analyses (continued)

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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
2	1,1-Dichloroethylene	7.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,900	µg/L	GE
1	Manganese	45	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	22,600	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	33,000	µg/L	GE
0	Sulfate	1,390	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	48	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
1	Total organic halogens	54	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	12	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	Uranium	<1,000	µg/L	GE
0	Zinc	79	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 3.5E-09	µCi/mL	GE
0	Total activity	1.9E-06 ± 1.1E-06	µCi/mL	EM
0	Total radium	2.2E-09 ± 2.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/03/91 Time: 16:10
Inaccessibility or pump failure prevented sample collection

WELL MSB 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 Time: 13:50
Depth to water: 123.62 ft (37.68 m) below TOC pH: 12.1
Water elevation: 225.88 ft (68.85 m) msl Alkalinity ($CaCO_3$): 1220 mg/L
Sp. conductance: 4330 µS/cm Water temperature: 18.3°C
Water evacuated before sampling: 4 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	4,680	µS/cm	GE
2	Aluminum	1,300	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	660	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	370,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,340	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	18	µg/L	GE
0	Copper	8.0	µg/L	GE

WELL MSB 62D collected on 03/13/91, laboratory analyses (continued)

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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	130	µg/L	GE
0	Iron	5.5	µg/L	GE
1	Lead	27	µg/L	GE
0	Magnesium	18	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	1,330	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	10,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	36,000	µg/L	GE
0	Sulfate	5,430	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	41	µg/L	GE
0	Toluene	65	µg/L	GE
0	Total dissolved solids	118,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
1	Total organic halogens	66	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	4.0	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	Uranium	<1,000	µg/L	GE
0	Zinc	36	µg/L	GE
0	Gross alpha	2.1E-09 ± 1.1E-08	µCi/mL	GE
1	Nonvolatile beta	3.7E-08 ± 2.9E-08	µCi/mL	GE
0	Total activity	1.1E-06 ± 1.0E-06	µCi/mL	EM
1	Total radium	4.4E-09 ± 4.1E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/27/91 — Time: 15:00
Depth to water: 141.30 ft (43.07 m) below TOC — pH: 5.5
Water elevation: 205.70 ft (62.70 m) msl — Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 29 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 163 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Aluminum	27	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,030	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE

WELL MSB 63B collected on 01/27/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	360	µg/L	GE
0	Manganese	8.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	870	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	208	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	400	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	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
0	Total activity	-1.6E-07 ± 1.0E-06	µCi/mL	EM
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: 01/31/91 — Time: 15:35
Depth to water: 129.95 ft (39.61 m) below TOC — pH: 5.7
Water elevation: 217.15 ft (66.19 m) msl — Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 90 µS/cm — Water temperature: 17.8°C
Water evacuated before sampling: 69 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	80	µS/cm	GE
0	Aluminum	<20	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,450	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	42	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	390	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
1	Nitrate as nitrogen	6,370	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	890	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 63C collected on 01/31/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,000	µg/L	GE
0	Sulfate	2,060	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	7.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	62,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	13	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.9E-09±2.8E-09	µCi/mL	GE
0	Total activity	2.8E-06±1.1E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.9E-06±3.0E-07	µCi/mL	GE

WELL MSB 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/27/91
Depth to water: 120.72 ft (36.80 m) below TOC
Water elevation: 226.08 ft (68.91 m) msl
Sp. conductance: 328 µS/cm
Water evacuated before sampling: 7 gal
The well went dry during purging.

Time: 17:40
pH: 11.0
Alkalinity ($CaCO_3$): 88 mg/L
Water temperature: 17.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
0	Specific conductance	202	µS/cm	GE
2	Aluminum	1,600	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,730	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
2	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	70	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	1,920	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	32,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	19,000	µg/L	GE
0	Sulfate	2,280	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	130	µg/L	GE
0	Toluene	3.0	µg/L	GE
0	Total dissolved solids	109,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	288	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE

WELL MSB 63D collected on 01/27/91, laboratory analyses (continued)

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
2	Trichloroethylene	45	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1,000	µg/L	GE
0	Zinc	20	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-08±4.3E-09	µCi/mL	GE
0	Total activity	1.8E-06±1.1E-06	µCi/mL	EM
0	Total radium	1.0E-09±2.8E-09	µCi/mL	GE
0	Tritium	1.7E-06±3.0E-07	µCi/mL	GE

WELL MSB 64B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91
Depth to water: 143.09 ft (43.61 m) below TOC
Water elevation: 205.61 ft (62.67 m) msl
Sp. conductance: 54 µS/cm
Water evacuated before sampling: 226 gal

Time: 15:05
pH: 5.7
Alkalinity ($CaCO_3$): 7 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Aluminum	25	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	2,040	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	<4.0	µg/L	GE
0	Cyanide	<5.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	400	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	2,460	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	770	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,300	µg/L	GE
0	Sulfate	2,310	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	37	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
2	Total organic halogens	1,650	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	1.0	µg/L	GE
2	Trichloroethylene	2,400	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	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-08±3.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 Time: 14:40
Depth to water: 128.89 ft (39.29 m) below TOC pH: 4.6
Water elevation: 219.81 ft (67.00 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 148 µS/cm Water temperature: 18.3°C
Water evacuated before sampling: 114 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	125	µS/cm	GE
0	Aluminum	75	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	0.011	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	4,070	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
2	1,1-Dichloroethylene	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	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	2,100	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	Nickel	<4.0	µg/L	GE
2	Nitrate as nitrogen	12,800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	810	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sulfate	2,380	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	180	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	205	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	5.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	100	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1.000	µg/L	GE
0	Zinc	4.4	µg/L	GE
0	Gross alpha	3.7E-09 ± 2.2E-09	µCi/mL	GE
0	Nonvolatile beta	9.1E-09 ± 3.4E-09	µCi/mL	GE
1	Total radium	4.8E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/27/91 Time: 12:25
Depth to water: 125.22 ft (38.17 m) below TOC pH: 6.3
Water elevation: 223.78 ft (68.21 m) msl Alkalinity ($CaCO_3$): 26 mg/L
Sp. conductance: 250 µS/cm Water temperature: 17.6°C
Water evacuated before sampling: 36 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	181	µS/cm	GE
0	Aluminum	26	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,800	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,680	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
2	1,1-Dichloroethylene	40	µg/L	GE
1	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	840	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
2	Nitrate as nitrogen	16,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	930	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	40,000	µg/L	GE
0	Sulfate	9,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	72	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	149,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	187	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	35	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	15	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Uranium	<1.000	µg/L	GE
0	Zinc	24	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.0E-09 ± 2.7E-09	µCi/mL	GE
0	Total activity	2.4E-06 ± 1.1E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	7.0E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 01/09/91 Time 12:35
The well was dry

ANALYTICAL RESULTS

WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91 — Time: 18:00
Depth to water: 166.30 ft (50.69 m) below TOC — pH: 11.1
Water elevation: 217.20 ft (66.20 m) msl — Alkalinity ($CaCO_3$): 76 mg/L
Sp. conductance: 199 µS/cm — Water temperature: 18.8°C
Water evacuated before sampling: 204 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	269	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	28	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	24,000	µg/L	GE
0	Chloride	1,290	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	1.5	µg/L	MA
0	1,1-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	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	360	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	1,130	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	5,100	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	6,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	7.9	µg/L	MA
0	Total dissolved solids	85,000	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)	<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	<5.0	µg/L	MA
2	Trichloroethylene	27	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.0E-09±2.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91 — Time: 14:50
Depth to water: 158.82 ft (47.80 m) below TOC — pH: 5.9
Water elevation: 226.68 ft (69.09 m) msl — Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 18.1°C
Water evacuated before sampling: 158 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.4	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Chloride	1,490	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	3.3	µg/L	MA
0	1,1-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	29	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	330	µg/L	GE
1	Manganese	33	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,180	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	750	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE

WELL MSB 66C collected on 01/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Tetrachloroethylene	7.2	µg/L	MA
0	Total dissolved solids	4,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	45	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	MA
2	Trichloroethylene	52	µg/L	MA
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	1.3E-06±2.0E-07	µCi/mL	GE

WELL MSB 66D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91 — Time: 14:10
Depth to water: 159.35 ft (48.57 m) below TOC
Water elevation: 223.95 ft (68.26 m) msl
The well pumped dry before all field parameters were collected.

WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/28/91 — Time: 15:35
Depth to water: 178.13 ft (54.29 m) below TOC — pH: 5.9
Water elevation: 204.67 ft (62.38 m) msl — Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 456 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,900	µg/L	GE
0	Chloride	1,470	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	35	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	230	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	Nitrate as nitrogen	630	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	1,180	µg/L	GE
0	Tetrachloroethylene	1.4	µg/L	MA
0	Total dissolved solids	13,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<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	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
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 10:10
Depth to water: 148.01 ft (45.11 m) below TOC — pH: 7.0
Water elevation: 217.09 ft (66.17 m) msl — Alkalinity ($CaCO_3$): 18 mg/L
Sp. conductance: 59 µS/cm — Water temperature: 17.3°C
Water evacuated before sampling: 228 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	49	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	24	µg/L	GE
0	Lindane	0.016	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	13,000	µg/L	GE
0	Chloride	1,670	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1-Dichloroethylen	<1.0	µg/L	MA
0	2,4-Dichlorophen- xyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	7.4	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	310	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	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	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	48,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	24	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
2	Trichloroethylene	23	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	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 10:45
Depth to water: 138.64 ft (42.26 m) below TOC — pH: 6.4
Water elevation: 226.16 ft (68.93 m) msl — Alkalinity ($CaCO_3$): 10 mg/L
Sp. conductance: 52 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 147 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	pH	6.1	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Specific conductance	39	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	23	µg/L	GE
0	Barium	24	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,600	µg/L	GE
0	Calcium	4,800	µg/L	GE
0	Chloride	2,390	µg/L	GE
0	Chloride	2,390	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	9.1	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE

WELL MSB 67C collected on 01/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	36	µg/L	GE
0	Iron	31	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	530	µg/L	GE
0	Magnesium	530	µg/L	GE
0	Manganese	11	µg/L	GE
0	Manganese	11	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	Nitrate as nitrogen	1,750	µg/L	GE
0	Nitrate as nitrogen	1,750	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	520	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,500	µg/L	GE
0	Silica	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,500	µg/L	GE
0	Sodium	3,600	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Total dissolved solids	53,000	µg/L	GE
0	Total dissolved solids	56,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	43	µg/L	GE
0	Total organic halogens	47	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	34	µg/L	MA
0	Gross alpha	2.0E-09 ± 2.1E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09 ± 3.6E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 3.2E-09	µCi/mL	GE
1	Total radium	4.2E-09 ± 4.0E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 10:25
Depth to water: 134.02 ft (40.85 m) below TOC — pH: 6.0
Water elevation: 230.98 ft (70.40 m) msl — Alkalinity ($CaCO_3$): 18 mg/L
Sp. conductance: 100 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 25 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	88	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	42	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,000	µg/L	GE
0	Chloride	9,250	µg/L	GE
0	Chloroform	<100	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	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	22	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	780	µg/L	GE
1	Manganese	43	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,960	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,000	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 67D collected on 01/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<100	µg/L	MA
0	Total dissolved solids	60,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	2,090	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	<100	µg/L	MA
2	Trichloroethylene	2,100	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.6E-09±3.3E-09	µCi/mL	GE
2	Tritium	3.1E-05±6.0E-07	µCi/mL	GE

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 11:45
Depth to water: 139.19 ft (42.43 m) below TOC — pH: 5.2
Water elevation: 217.71 ft (66.36 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 26 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 235 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	13	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	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	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	27	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	420	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	Nitrate as nitrogen	1,340	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	2.0	µg/L	GE
0	Sodium	2,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	43	µg/L	MA
0	Total dissolved solids	39,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	66	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	MA
2	Trichloroethylene	37	µg/L	MA
0	Gross alpha	2.6E-09±1.8E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09±2.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 12:10
Depth to water: 131.59 ft (40.11 m) below TOC — pH: 5.1
Water elevation: 225.11 ft (68.61 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 17.3°C
Water evacuated before sampling: 152 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	4.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<50	µg/L	IT
0	Chloride	2,250	µg/L	GE

WELL MSB 68C collected on 01/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloroform	2.0	µg/L	GE
0	Chloroform	<50	µg/L	IT
0	Chloroform	<10	µg/L	MA
0	Chloroform	<10	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	220	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	440	µg/L	GE
0	Manganese	5.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,880	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	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,800	µg/L	GE
0	Sulfate	4,540	µg/L	GE
2	Tetrachloroethylene	10	µg/L	GE
0	Tetrachloroethylene	<50	µg/L	IT
2	Tetrachloroethylene	11	µg/L	MA
0	Tetrachloroethylene	<10	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	406	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	68	µg/L	IT
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	765	µg/L	GE
2	Trichloroethylene	230	µg/L	IT
2	Trichloroethylene	717	µg/L	MA
2	Trichloroethylene	549	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.1E-09±1.7E-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 MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 12:10
Depth to water: 131.59 ft (40.11 m) below TOC — pH: 5.1
Water elevation: 225.11 ft (68.61 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 17.3°C
Water evacuated before sampling: 152 gal

WELL MSB 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 11:30
Depth to water: 125.30 ft (38.19 m) below TOC — pH: 5.2
Water elevation: 231.70 ft (70.62 m) msl — Alkalinity ($CaCO_3$): 4 mg/L
Sp. conductance: 57 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.7	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Chloride	6,210	µg/L	GE
0	Chloroform	<100	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	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	23	µg/L	GE
0	Iron	9.2	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	640	µg/L	GE
0	Manganese	20	µg/L	GE
0	Mercury	<0.20	µg/L	GE

WELL MSB 68D collected on 01/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,760	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<100	µg/L	MA
0	Total dissolved solids	52,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	2,680	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	<100	µg/L	MA
2	Trichloroethylene	8,230	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.0E-09±2.4E-09	µCi/mL	GE
0	Tritium	5.4E-08±3.0E-07	µCi/mL	GE

WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 14:20
Depth to water: 162.19 ft (49.44 m) below TOC — pH: 6.2
Water elevation: 219.51 ft (66.91 m) msl — Alkalinity ($CaCO_3$): 9 mg/L
Sp. conductance: 40 µS/cm — Water temperature: 18.1°C
Water evacuated before sampling: 209 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	29	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,900	µg/L	GE
0	Chloride	1,490	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	25	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	230	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	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	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	1,450	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)	<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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09±2.7E-09	µCi/mL	GE
0	Total radium	1.4E-09±2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/22/91 — Time: 9:50
Depth to water: 155.30 ft (47.34 m) below TOC — pH: 7.1
Water elevation: 226.50 ft (69.04 m) msl — Alkalinity ($CaCO_3$): 23 mg/L
Sp. conductance: 90 µS/cm — Water temperature: 14.8°C
Water evacuated before sampling: 67 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	74	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	9,100	µg/L	GE
0	Chloride	2,870	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
0	1,1-Dichloroethylene	<2.0	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	Magnesium	740	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	2,480	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	610	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,100	µg/L	GE
0	Sulfate	1,140	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Total dissolved solids	74,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	106	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	139	µg/L	MA
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	9.5E-07±2.0E-07	µCi/mL	GE

WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 — Time: 13:55
Depth to water: 150.47 ft (45.86 m) below TOC — pH: 4.8
Water elevation: 231.73 ft (70.63 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 17.8°C
Water evacuated before sampling: 30 gal

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	5.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	410	µg/L	GE
0	Chloride	1,310	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	32	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	660	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	Nitrate as nitrogen	1,710	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	1,840	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 69D collected on 01/21/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	30,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	3.2E-09±2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09±2.7E-09	µCi/mL	GE
1	Total radium	4.0E-09±3.1E-09	µCi/mL	GE
0	Tritium	1.6E-06±2.0E-07	µCi/mL	GE

WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/21/91 Time: 13:40
Depth to water: 167.67 ft (51.11 m) below TOC pH: 6.4
Water elevation: 213.83 ft (65.18 m) msl Alkalinity ($CaCO_3$): 11 mg/L
Sp. conductance: 45 µS/cm Water temperature: 17.7°C
Water evacuated before sampling: 363 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	33	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.2	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,000	µg/L	GE
0	Chloride	1,540	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	56	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	220	µg/L	GE
0	Manganese	3.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	630	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	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	<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	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09±2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/13/91 Time: 15:10
Depth to water: 147.04 ft (44.82 m) below TOC pH: 5.8
Water elevation: 215.16 ft (65.58 m) msl Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 171 µS/cm Water temperature: 17.4°C
Water evacuated before sampling: 107 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	151	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	33	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,000	µg/L	GE
0	Chloride	4,880	µg/L	GE
0	Chloroform	<5.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	MA

WELL MSB 70C collected on 01/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	1,1-Dichloroethylene	67	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	9.9	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	2,200	µg/L	GE
0	Manganese	24	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
2	Nitrate as nitrogen	17,000	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,200	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	20,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
2	Tetrachloroethylene	454	µg/L	MA
0	Total dissolved solids	14,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	315	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	29	µg/L	MA
2	Trichloroethylene	46	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.5E-09±2.8E-09	µCi/mL	GE
1	Total radium	2.7E-09±2.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 70D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 11:00
Depth to water: 145.06 ft (44.21 m) below TOC
Water elevation: 217.44 ft (66.28 m) msl
The well pumped dry before all field parameters were collected.

WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/13/91 Time: 11:55
Depth to water: 129.65 ft (39.52 m) below TOC pH: 12.2
Water elevation: 215.45 ft (65.67 m) msl Alkalinity ($CaCO_3$): 473 mg/L
Sp. conductance: 2200 µS/cm Water temperature: 16.7°C
Water evacuated before sampling: 48 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	10	pH	GE
0	Specific conductance	210	µS/cm	GE
0	Arsenic	4.0	µg/L	GE
0	Barium	15	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	11,000	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	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	140	µg/L	GE
0	Iron	42	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	83	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	180	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	11,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	35,000	µg/L	GE
0	Sulfate	9,360	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	169,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
2	Total phosphates (as P)	520	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	1.0E-08±5.8E-09	µCi/mL	GE

WELL MSB 71B collected on 01/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total radium	1.0E-09 ± 2.5E-09	µCi/mL	GE
0	Tritium	7.2E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/13/91
Depth to water: 130.15 ft (39.67 m) below TOC
Water elevation: 198.05 ft (60.37 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 121 gal
Time: 10:25
pH: 5.4
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	24	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	850	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,940	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	MA
0	Chloroform	<1.0	µg/L	MA
1	Chromium	35	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1-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	8.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	190	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	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	9,000	µg/L	GE
0	Silver	2.9	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	1,730	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	10,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
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	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.0E-09 ± 3.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/13/91
Depth to water: 130.15 ft (39.67 m) below TOC
Water elevation: 198.05 ft (60.37 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 121 gal
Time: 10:25
pH: 5.4
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 16.3°C

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/13/91
Depth to water: 140.86 ft (42.87 m) below TOC
Water elevation: 199.74 ft (60.88 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 179 gal
Time: 14:35
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Chloride	2,390	µg/L	GE
0	Chloroform	<2.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
0	1,1-Dichloroethylene	<2.0	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	18	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	430	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	800	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	510	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	31,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	4,180	µg/L	GE
0	Tetrachloroethylene	<2.0	µg/L	MA
0	Total dissolved solids	52,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	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	MA
2	Trichloroethylene	17	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	7.3E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 74B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91
Depth to water: 105.75 ft (32.23 m) below TOC
Water elevation: 208.75 ft (63.63 m) msl
Sp. conductance: 62 µS/cm
Water evacuated before sampling: 174 gal
Time: 13:10
pH: 6.9
Alkalinity ($CaCO_3$): 20 mg/L
Water temperature: 16.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	pH	6.8	pH	GE
0	Specific conductance	43	µS/cm	GE
0	Specific conductance	43	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Barium	18	µg/L	GE
0	Barium	23	µg/L	GE
0	Barium	21	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	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	4,700	µg/L	GE
0	Calcium	4,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,790	µg/L	GE
0	Chloride	1,760	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 74B collected on 01/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	19	µg/L	GE
0	Iron	13	µg/L	GE
0	Iron	10	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	160	µg/L	GE
0	Magnesium	160	µg/L	GE
0	Manganese	5.0	µg/L	GE
0	Manganese	5.1	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	Nitrate as nitrogen	930	µg/L	GE
0	Nitrate as nitrogen	900	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,300	µg/L	GE
0	Sodium	4,400	µg/L	GE
0	Sulfate	2,210	µg/L	GE
0	Sulfate	2,170	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	10	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	59,000	µg/L	GE
0	Total dissolved solids	47,000	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	1,420	µg/L	GE
2	Total organic halogens	1,380	µg/L	GE
0	Total phosphates (as P)	120	µg/L	GE
0	Total phosphates (as P)	120	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
2	Trichloroethylene	2,770	µg/L	GE
2	Trichloroethylene	2,680	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE

WELL MSB 74B collected on 01/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total radium	2.3E-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 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91 Time: 12:55
Depth to water: 106.12 ft (32.35 m) below TOC pH: 11.3
Water elevation: 208.88 ft (63.67 m) msl Alkalinity ($CaCO_3$): 89 mg/L
Sp. conductance: 310 µS/cm Water temperature: 16.1°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	273	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,800	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
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	20	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	93	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	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	11,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	27,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	21,000	µg/L	GE
0	Sulfate	15,700	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	4.0	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	24	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	15	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.6E-08 ± 4.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/09/91 — Time: 13:30
Depth to water: 83.75 ft (25.53 m) below TOC — pH: 6.0
Water elevation: 231.35 ft (70.52 m) msl — Alkalinity ($CaCO_3$): 7 mg/L
Sp. conductance: 47 µS/cm — Water temperature: 15.0°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	41	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	630	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	240	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	1,130	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	7,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,400	µg/L	GE
0	Sulfate	4,870	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	45,000	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)	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
2	Trichloroethylene	21	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.5E-06±3.0E-07	µCi/mL	GE

WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/13/91 — Time: 11:20
Depth to water: 116.96 ft (36.26 m) below TOC — pH: 6.6
Water elevation: 207.74 ft (63.32 m) msl — Alkalinity ($CaCO_3$): 22 mg/L
Sp. conductance: 86 µS/cm — Water temperature: 16.8°C
Water evacuated before sampling: 135 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	81	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	20	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE

WELL MSB 75B collected on 01/13/91, laboratory analyses (continued)

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	8,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,910	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	47	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	350	µg/L	GE
1	Manganese	33	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	2,870	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,600	µg/L	GE
0	Sulfate	4,540	µg/L	GE
0	1,1,2,2-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
2	Total organic halogens	187	µg/L	GE
1	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
2	Trichloroethylene	280	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.3E-09±3.5E-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 MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/13/91 — Time: 10:50
Depth to water: 120.21 ft (36.64 m) below TOC — pH: 6.6
Water elevation: 207.29 ft (63.18 m) msl — Alkalinity ($CaCO_3$): 31 mg/L
Sp. conductance: 126 µS/cm — Water temperature: 16.3°C
Water evacuated before sampling: 2 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	109	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	2,070	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 75C collected on 01/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	36	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	480	µg/L	GE
1	Manganese	25	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
1	Potassium	6,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Silica	40,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	16,000	µg/L	GE
0	Sulfate	19,400	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	86,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.5E-09±4.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/13/91
Depth to water: 134.75 ft (41.07 m) below TOC
Water elevation: 218.05 ft (66.46 m) msl
Sp. conductance: 93 µS/cm
Water evacuated before sampling: 96 gal
Time: 16:30
pH: 6.9
Alkalinity ($CaCO_3$): 29 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.1	pH	GE
0	Specific conductance	80	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,200	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	100	µg/L	GE
0	Iron	26	µg/L	GE
0	Iron	31	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	150	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	Nitrate as nitrogen	1,980	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE

WELL MSB 76C collected on 01/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silver	<2.0	µg/L	GE
0	Sodium	15,000	µg/L	GE
0	Sulfate	5,330	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<200	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	55,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	10,500	µg/L	GE
0	Total phosphates (as P)	220	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	11,000	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.8E-09±5.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 77B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/09/91
Depth to water: 138.21 ft (42.13 m) below TOC
Water elevation: 219.49 ft (66.90 m) msl
Sp. conductance: 80 µS/cm
Water evacuated before sampling: 518 gal
Time: 15:20
pH: 7.4
Alkalinity ($CaCO_3$): 33 mg/L
Water temperature: 19.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	pH	7.0	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Specific conductance	36	µS/cm	GE
0	Arsenic	3.0	µg/L	GE
0	Arsenic	3.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	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	6,100	µg/L	GE
0	Calcium	6,500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,110	µg/L	GE
0	Chloride	2,090	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
2	Dichloromethane (Methylene chloride)	11	µg/L	GE
0	Dichloromethane (Methylene chloride)	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE

WELL MSB 77B collected on 02/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Iron	25	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	5.1	µg/L	GE
0	Manganese	5.2	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Mercury	< 0.20	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Methoxychlor	< 0.50	µg/L	GE
0	Nitrate as nitrogen	400	µg/L	GE
0	Nitrate as nitrogen	400	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
0	Phenols	< 5.0	µg/L	GE
1	Potassium	4,500	µg/L	GE
1	Potassium	4,800	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Selenium	< 2.0	µg/L	GE
0	Silica	6,900	µg/L	GE
0	Silica	7,100	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Silver	< 2.0	µg/L	GE
0	Sodium	4,400	µg/L	GE
0	Sodium	4,600	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Tetrachloroethylene	< 1.0	µg/L	GE
0	Toluene	1.0	µg/L	GE
0	Toluene	1.0	µg/L	GE
0	Total dissolved solids	43,000	µg/L	GE
0	Total dissolved solids	47,000	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	27	µg/L	GE
0	Total organic halogens	26	µg/L	GE
0	Total phosphates (as P)	60	µg/L	GE
0	Total phosphates (as P)	60	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
0	Trichloroethylene	< 1.0	µg/L	GE
0	Trichloroethylene	2.0	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	4.8E-09 ± 3.7E-09	µCi/mL	GE
0	Nonvolatile beta	4.7E-09 ± 3.7E-09	µCi/mL	GE
0	Total activity	1.1E-06 ± 9.4E-07	µCi/mL	EM
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 3.4E-09	µCi/mL	GE
0	Tritium	9.5E-07 ± 2.0E-07	µCi/mL	GE
0	Tritium	9.5E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 77C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/09/91
Depth to water: 135.95 ft (41.44 m) below TOC
Water elevation: 221.75 ft (67.59 m) msl
Sp. conductance: 42 µS/cm
Water evacuated before sampling: 140 gal
Time: 16:05
pH: 5.9
Alkalinity ($CaCO_3$): 10 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	19	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	Lindane	< 0.0050	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	1,760	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

WELL MSB 77C collected on 02/09/91, laboratory analyses (continued)

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	Dibromochloromethane	< 1.0	µg/L	GE
0	1,1-Dichloroethane	< 1.0	µg/L	GE
0	1,2-Dichloroethane	< 1.0	µg/L	GE
0	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	< 100	µg/L	GE
0	Iron	29	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	360	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	1,460	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	6,400	µg/L	GE
0	Silver	7.1	µg/L	GE
0	Sodium	3,900	µg/L	GE
0	Sulfate	< 1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	< 1.0	µg/L	GE
0	Tetrachloroethylene	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
2	Total organic halogens	222	µg/L	GE
0	Total phosphates (as P)	< 50	µg/L	GE
0	Toxaphene	< 0.24	µg/L	GE
0	2,4,5-TP (Silvex)	< 0.090	µg/L	GE
0	1,1,1-Trichloroethane	< 1.0	µg/L	GE
0	1,1,2-Trichloroethane	< 1.0	µg/L	GE
2	Trichloroethylene	408	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 ± 3.4E-09	µCi/mL	GE
0	Total activity	1.5E-06 ± 9.6E-07	µCi/mL	EM
0	Total radium	< 1.0E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 2.0E-07	µCi/mL	GE

WELL MSB 77D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/10/91
Depth to water: 126.13 ft (38.44 m) below TOC
Water elevation: 231.67 ft (70.61 m) msl
Sp. conductance: 805 µS/cm
Water evacuated before sampling: 5 gal
The well went dry during purging
Time: 11:45
pH: 11.2
Alkalinity ($CaCO_3$): 261 mg/L
Water temperature: 17.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
1	Specific conductance	432	µS/cm	GE
0	Arsenic	5.0	µg/L	GE
0	Barium	46	µg/L	GE
0	Benzene	< 1.0	µg/L	GE
0	Lindane	< 0.0050	µg/L	GE
0	Bromodichloromethane	< 1.0	µg/L	GE
0	Bromoform	< 1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	< 1.0	µg/L	GE
0	Cadmium	< 2.0	µg/L	GE
0	Calcium	8,500	µg/L	GE
0	Carbon tetrachloride	< 1.0	µg/L	GE
0	Chloride	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	trans-1,2-Dichloroethene	< 1.0	µg/L	GE
0	1,1-Dichloroethylene	< 1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	< 1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	< 0.30	µg/L	GE
0	1,2-Dichloropropane	< 1.0	µg/L	GE
0	cis-1,3-Dichloropropene	< 1.0	µg/L	GE
0	trans-1,3-Dichloropropene	< 1.0	µg/L	GE
0	Endrin	< 0.0060	µg/L	GE
0	Ethylbenzene	< 1.0	µg/L	GE
0	Fluoride	650	µg/L	GE
0	Iron	33	µg/L	GE
0	Lead	6.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 77D collected on 02/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Magnesium	37	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
2	Potassium	44,000	µg/L	GE
0	Selenium	3.0	µg/L	GE
0	Silica	5,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	68,000	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	Toluene	23	µg/L	GE
1	Total dissolved solids	327,000	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)	220	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	4.0E-08 ± 5.1E-09	µCi/mL	GE
0	Total activity	4.3E-07 ± 9.5E-07	µCi/mL	EM
0	Total radium	1.7E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	1.1E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 77TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/10/91 Time: 11:25
Depth to water: 137.89 ft (42.03 m) below TOC pH: 10.8
Water elevation: 219.51 ft (66.91 m) msl Alkalinity ($CaCO_3$): 137 mg/L
Sp. conductance: 498 µS/cm Water temperature: 17.4°C
Water evacuated before sampling: 58 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
0	Specific conductance	215	µS/cm	GE
0	Arsenic	3.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,100	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,210	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	130	µg/L	GE
0	Iron	42	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	17	µg/L	GE
0	Manganese	3.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	260	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	48,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	50,000	µg/L	GE
0	Sulfate	19,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	34	µg/L	GE
0	Total dissolved solids	141,000	µg/L	GE
2	Total organic carbon	11,000	µg/L	GE
1	Total organic halogens	53	µg/L	GE

WELL MSB 77TA collected on 02/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.8E-08 ± 4.9E-09	µCi/mL	GE
0	Total activity	1.2E-06 ± 9.5E-07	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.9E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 78D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/31/91 Time: 11:10
Inaccessibility or pump failure prevented sample collection.

WELL MSB 78D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 19:00
Depth to water: 143.18 ft (43.64 m) below TOC pH: 6.1
Water elevation: 220.42 ft (67.18 m) msl Alkalinity ($CaCO_3$): [illegible] mg/L
Sp. conductance: 47 µS/cm Water temperature: 18.4°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	49	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,060	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	54	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	360	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	100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,900	µg/L	GE
0	Sulfate	3,480	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total 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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	6.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	3.2E-09 ± 1.7E-09	µCi/mL	GE

WELL MSB 78D collected on 03/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	4.0E-09±2.9E-09	µCi/mL	GE
0	Total activity	9.7E-08±1.4E-08	µCi/mL	EM
1	Total radium	2.8E-09±3.2E-09	µCi/mL	GE
0	Tritium	2.0E-08±3.0E-07	µCi/mL	GE

WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/13/91
Depth to water: 143.50 ft (43.74 m) below TOC
Water elevation: 204.50 ft (62.33 m) msl
Sp. conductance: 3940 µS/cm
Water evacuated before sampling: 37 gal
The well went dry during purging.

Time: 9:25
pH: 12.3
Alkalinity ($CaCO_3$): 899 mg/L
Water temperature: 16.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	3,490	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
1	Barium	720	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	58,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	6.7	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Iron	6.0	µg/L	GE
0	Lead	24	µg/L	GE
0	Magnesium	12	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	170	µg/L	GE
0	Phenols	6.0	µg/L	GE
2	Potassium	67,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	77,000	µg/L	GE
0	Sulfate	9,510	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
2	Total dissolved solids	887,000	µg/L	GE
0	Total organic carbon	4,000	µg/L	GE
0	Total organic halogens	40	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	20	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Nonvolatile beta	4.4E-08±6.6E-09	µCi/mL	GE
2	Total radium	9.8E-09±4.3E-09	µCi/mL	GE
0	Tritium	1.1E-06±2.0E-07	µCi/mL	GE

WELL MSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/13/91
Depth to water: 140.77 ft (42.91 m) below TOC
Water elevation: 207.03 ft (63.10 m) msl
Sp. conductance: 1539 µS/cm
Water evacuated before sampling: 4 gal
The well went dry during purging.

Time: 9:45
pH: 12.0
Alkalinity ($CaCO_3$): 329 mg/L
Water temperature: 14.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	1,300	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	68	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	94,000	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
1	Chromium	30	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	7.8	µg/L	GE
0	Iron	37	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Lead	6.5	µg/L	GE
0	Magnesium	15	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	710	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	15,000	µg/L	GE
0	Selenium	4.0	µg/L	GE
0	Silica	9,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	39,000	µg/L	GE
0	Sulfate	3,710	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	2.0	µg/L	GE
0	Toluene	4.0	µg/L	GE
1	Total dissolved solids	417,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	2.0	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08±4.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 81B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/09/91
Depth to water: 49.55 ft (15.10 m) below TOC
Water elevation: 217.65 ft (66.34 m) msl
Sp. conductance: 64 µS/cm
Water evacuated before sampling: 195 gal

Time: 14:00
pH: 6.2
Alkalinity ($CaCO_3$): 23 mg/L
Water temperature: 18.9°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	29	µg/L	GE
0	Benzene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 81B collected on 02/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,000	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	9.8	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	300	µg/L	GE
0	Manganese	20	µg/L	GE
2	Mercury	2.6	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	3,900	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,300	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	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	58,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.7E-09±3.2E-09	µCi/mL	GE
0	Total activity	6.6E-07±9.4E-07	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	9.3E-07±2.0E-07	µCi/mL	GE

WELL MSB 82A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91 — Time: 9:15
Depth to water: 148.85 ft (45.37 m) below TOC — pH: 12.4
Water elevation: 225.65 ft (68.78 m) msl — Alkalinity ($CaCO_3$): 772 mg/L
Sp. conductance: 3250 µS/cm — Water temperature: 17.0°C
Water evacuated before sampling: 27 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
0	Specific conductance	227	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	210	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	220,000	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	22	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE

WELL MSB 82A collected on 02/05/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	140	µg/L	GE
0	Iron	34	µg/L	GE
2	Lead	150	µg/L	GE
0	Magnesium	19	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	0.59	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
2	Phenols	134	µg/L	GE
2	Potassium	78,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	7J,000	µg/L	GE
0	Sulfate	34,800	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	64	µg/L	GE
2	Total dissolved solids	856,000	µg/L	GE
2	Total organic carbon	12,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
2	Nonvolatile beta	9.7E-08±7.9E-09	µCi/mL	GE
0	Total activity	2.0E-08±9.8E-07	µCi/mL	EM
1	Total radium	4.2E-09±3.2E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 82B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91 — Time: 15:15
Depth to water: 156.65 ft (47.75 m) below TOC — pH: 4.4
Water elevation: 217.75 ft (66.37 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 36 µS/cm — Water temperature: 19.2°C
Water evacuated before sampling: 196 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	16	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	790	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	43	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	320	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	60	µg/L	GE
0	Phenols	<5.0	µg/L	GE

WELL MSB 82B collected on 02/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Potassium	500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	28,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	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	58,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	4.0E-09±2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.1E-09±3.1E-09	µCi/mL	GE
0	Total activity	-3.3E-07±9.7E-07	µCi/mL	EM
2	Total radium	6.2E-09±3.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91 — Time: 13:55
Depth to water: 147.61 ft (44.99 m) below TOC — pH: 7.4
Water elevation: 226.39 ft (69.00 m) msl — Alkalinity ($CaCO_3$): 17 mg/L
Sp. conductance: 59 µS/cm — Water temperature: 19.4°C
Water evacuated before sampling: 138 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.4	pH	GE
0	Specific conductance	27	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	31	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,900	µg/L	GE
0	Chloride	2,450	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	15	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	340	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	Nitrate as nitrogen	1,560	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	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	19	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09±2.0E-09	µCi/mL	GE
0	Total radium	1.3E-09±3.3E-09	µCi/mL	GE
0	Tritium	7.8E-07±2.0E-07	µCi/mL	GE

WELL MSB 82D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91 — Time: 16:00
Depth to water: 143.13 ft (43.63 m) below TOC — pH: 6.3
Water elevation: 230.57 ft (70.28 m) msl — Alkalinity ($CaCO_3$): 20 mg/L
Sp. conductance: 82 µS/cm — Water temperature: 20.0°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.1	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	25	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	370	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	2,420	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	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE
0	Sulfate	5,000	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	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	2.5E-09±1.7E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	2.7E-06±1.0E-06	µCi/mL	EM
0	Total radium	1.6E-09±3.5E-09	µCi/mL	GE
0	Tritium	1.3E-06±3.0E-07	µCi/mL	GE

WELL MSB 82TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 02/04/91 — Time 14 35
Depth to water 161 75 ft (49 30 m) below TOC — pH 5 9
Water elevation 212 05 ft (64 63 m) msl — Alkalinity ($CaCO_3$) 9 mg/L
Sp conductance 42 µS/cm — Water temperature 19 5°C
Water evacuated before sampling 326 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6 4	pH	GE
0	Specific conductance	19	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	Lindane	<0 0050	µg/L	GE

ANALYTICAL RESULTS

WELL MSB 82TA collected on 02/04/91, laboratory analyses (continued)

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	4,300	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	140	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	190	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	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	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,700	µg/L	GE
0	Sulfate	4,340	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	49,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	27	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	42	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	1.8E-07 ±9.8E-07	µCi/mL	EM
0	Total radium	1.2E-09 ±2.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 83A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/09/91 Time: 17:20
Inaccessibility or pump failure prevented sample collection

WELL MSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/09/91 Time: 17:25
Inaccessibility or pump failure prevented sample collection

WELL MSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/17/91 Time: 12:40
Depth to water: 152.75 ft (46.56 m) below TOC pH: 5.2
Water elevation: 219.25 ft (66.83 m) msl Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 24 µS/cm Water temperature: 17.9°C
Water evacuated before sampling: 198 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Specific conductance	21	µS/cm	GE

WELL MSB 83B collected on 03/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	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	750	µg/L	GE
0	Calcium	740	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,730	µg/L	GE
0	Chloride	1,730	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	21	µg/L	GE
0	Iron	22	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	180	µg/L	GE
0	Magnesium	180	µg/L	GE
0	Manganese	6.9	µg/L	GE
0	Manganese	7.0	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	Nitrate as nitrogen	360	µg/L	GE
0	Nitrate as nitrogen	350	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<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	10,000	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,400	µg/L	GE
0	Sodium	3,400	µg/L	GE
0	Sulfate	2,600	µg/L	GE
0	Sulfate	2,600	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	25,000	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE

WELL MSB 83B collected on 03/17/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09 ± 3.5E-09	µCi/mL	GE
0	Total activity	5.4E-07 ± 1.3E-06	µCi/mL	EM
0	Total radium	1.0E-09 ± 4.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.9E-06 ± 3.0E-07	µCi/mL	GE
0	Tritium	2.0E-06 ± 3.0E-07	µCi/mL	GE

WELL MSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 — Time: 13:30
Depth to water: 145.39 ft (44.32 m) below TOC — pH: 9.7
Water elevation: 226.71 ft (69.10 m) msl — Alkalinity ($CaCO_3$): 25 mg/L
Sp. conductance: 74 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 127 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.4	pH	GE
0	Specific conductance	51	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	10,000	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	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	18	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Manganese	2.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,650	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	7,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	64,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	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	8.5E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/09/91 — Time: 17:30
Inaccessibility or pump failure prevented sample collection

WELL MSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/17/91 — Time: 13:25
Depth to water: 141.20 ft (43.04 m) below TOC — pH: 8.3
Water elevation: 230.50 ft (70.26 m) msl — Alkalinity ($CaCO_3$): 87 mg/L
Sp. conductance: 216 µS/cm — Water temperature: 16.5°C
Water evacuated before sampling: 3 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.6	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,300	µg/L	GE
0	Carbon tetrachloride	<1.0	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	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	290	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,000	µg/L	GE
0	Manganese	3.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	70	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	11,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,000	µg/L	GE
0	Silver	7.1	µg/L	GE
1	Sodium	39,000	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	132,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	20	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.2E-08 ± 4.3E-09	µCi/mL	GE
0	Total activity	7.1E-07 ± 1.2E-06	µCi/mL	EM
0	Total radium	<1.0E-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: 02/09/91 — Time: 17:35
Inaccessibility or pump failure prevented sample collection

ANALYTICAL RESULTS

WELL MSB 83TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/17/91 — Time: 13:00
Depth to water: 158.69 ft (48.37 m) below TOC — pH: 8.4
Water elevation: 213.11 ft (64.96 m) msl — Alkalinity ($CaCO_3$): 12 mg/L
Sp. conductance: 58 µS/cm — Water temperature: 17.9°C
Water evacuated before sampling: 389 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	Specific conductance	74	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	21	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	160	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	Nitrate as nitrogen	640	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,500	µg/L	GE
0	Sulfate	3,200	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	2.0E-07 ± 1.2E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.0E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 — Time: 14:25
Depth to water: 133.96 ft (40.83 m) below TOC — pH: 6.3
Water elevation: 228.04 ft (69.51 m) msl — Alkalinity ($CaCO_3$): 7 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 97 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

WELL MSB 84C collected on 02/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	2,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	1,840	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	IT
0	Chloroform	<1.0	µg/L	MA
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	1,1-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	22	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	420	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	1,560	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	650	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	MA
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	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<0.40	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	3.0E-07 ± 9.2E-07	µCi/mL	EM
0	Total radium	1.1E-09 ± 2.2E-09	µCi/mL	GE
0	Tritium	7.8E-07 ± 2.0E-07	µCi/mL	GE

WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 — Time: 14:25
Depth to water: 133.96 ft (40.83 m) below TOC — pH: 6.3
Water elevation: 228.04 ft (69.51 m) msl — Alkalinity ($CaCO_3$): 7 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 19.0°C
Water evacuated before sampling: 97 gal

WELL MSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/07/91 — Time: 16:20
Depth to water: 160.48 ft (48.91 m) below TOC — pH: 6.1
Water elevation: 220.32 ft (67.15 m) msl — Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 35 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 229 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,730	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

WELL MSB 85B collected on 02/07/91, laboratory analyses (continued)

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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	440	µg/L	GE
1	Iron	227	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	320	µg/L	GE
0	Manganese	8.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,420	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	720	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	5,600	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	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	91,000	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)	120	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.3E-09±3.0E-09	µCi/mL	GE
1	Total radium	2.5E-09±2.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL MSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91
Depth to water: 157.99 ft (48.16 m) below TOC
Water elevation: 223.41 ft (68.10 m) msl
Sp. conductance: 67 µS/cm
Water evacuated before sampling: 50 gal
The well went dry during purging.

Time: 9:50
pH: 6.5
Alkalinity ($CaCO_3$): 18 mg/L
Water temperature: 17.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	24	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,700	µg/L	GE
0	Chloride	2,630	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chromium	<4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-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	17	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	390	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	2,830	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Total dissolved solids	54,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	80	µg/L	GE

WELL MSB 85C collected on 02/08/91, laboratory analyses (continued)

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	MA
2	Trichloroethylene	30	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 85D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/09/91
Depth to water: 150.47 ft (45.86 m) below TOC
Water elevation: 230.93 ft (70.39 m) msl
Sp. conductance: 103 µS/cm
Water evacuated before sampling: 48 gal

Time: 17:10
pH: 8.1
Alkalinity ($CaCO_3$): 14 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	GE
0	Specific conductance	130	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	4,000	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	5.5	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	64	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	990	µg/L	GE
2	Manganese	56	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	4,030	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	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	14,000	µg/L	GE
0	Sulfate	5,390	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	71,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.3E-09±3.0E-09	µCi/mL	GE
0	Total activity	1.2E-06±9.3E-07	µCi/mL	EM
0	Total radium	1.0E-09±2.5E-09	µCi/mL	GE
0	Tritium	1.4E-06±3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91 — Time: 15:35
Depth to water: 161.43 ft (49.20 m) below TOC — pH: 9.6
Water elevation: 219.57 ft (66.93 m) msl — Alkalinity ($CaCO_3$): 70 mg/L
Sp. conductance: 111 µS/cm — Water temperature: 16.0°C
Water evacuated before sampling: 68 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	9.4	pH	GE
0	Specific conductance	79	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	11	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	*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	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	120	µg/L	GE
2	Iron	1,500	µg/L	GE
2	Iron	1,520	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	160	µg/L	GE
2	Manganese	73	µg/L	GE
2	Manganese	83	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
1	Potassium	5,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	2,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	27,000	µg/L	GE
0	Sulfate	10,300	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	31	µg/L	GE
1	Total dissolved solids	225,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	5.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	2.0E-09 ± 1.9E-09	µCi/mL	GE
0	Nonvolatile beta	6.9E-09 ± 3.0E-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 MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/08/91 — Time: 11:45
Depth to water: 134.55 ft (41.01 m) below TOC — pH: 6.6
Water elevation: 222.85 ft (67.93 m) msl — Alkalinity ($CaCO_3$): 15 mg/L
Sp. conductance: 50 µS/cm — Water temperature: 16.4°C
Water evacuated before sampling: 165 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE

WELL MSB 86C collected on 02/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	1,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	1,000	µg/L	GE
2	Iron	534	µg/L	GE
0	Lead	16	µg/L	GE
0	Magnesium	400	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	930	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,800	µg/L	GE
0	Sulfate	3,060	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	*Toluene*	<1.0	µg/L	GE
0	Total dissolved solids	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 phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.4E-09 ± 2.7E-09	µCi/mL	GE
1	Total radium	2.9E-09 ± 2.9E-09	µCi/mL	GE
0	Tritium	1.0E-06 ± 2.0E-07	µCi/mL	GE

WELL NBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 — Time: 13:05
Depth to water: 88.56 ft (26.99 m) below TOC — pH: 4.9
Water elevation: 222.94 ft (67.95 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 134 µS/cm — Water temperature: 21.0°C
Water evacuated before sampling: 16 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	115	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	17	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,860	µg/L	IT
0	*Carbon tetrachloride*	<5.0	µg/L	IT
0	Chloride	3,450	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT

WELL NBG 1 collected on 02/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	0.65	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	18	µg/L	IT
2	Lead	62	µg/L	IT
0	Magnesium	1,810	µg/L	IT
0	Manganese	22	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	610	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	537	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	7,430	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	9,940	µg/L	IT
0	Sulfate	1,700	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	7.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	108,000	µg/L	IT
0	Total organic carbon	1,060	µg/L	IT
0	Total organic halogens	49	µg/L	IT
0	Total phosphates (as P)	25	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	92	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Antimony-125	<5.1E-08	µCi/mL	EM
0	Cerium-144	<1.2E-07	µCi/mL	EM
0	Cesium-134	<2.3E-08	µCi/mL	EM
0	Cesium-137	<2.4E-08	µCi/mL	EM
0	Chromium-51	<2.6E-07	µCi/mL	EM
0	Cobalt-60	<2.4E-08	µCi/mL	EM
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Iodine-131	<1.2E-07	µCi/mL	EM
0	Niobium-95	<2.9E-08	µCi/mL	EM
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Ruthenium-103	<3.1E-08	µCi/mL	EM
0	Ruthenium-106	<2.1E-07	µCi/mL	EM
0	Strontium-89/90	1.0E-09±1.4E-09	µCi/mL	EM
0	Strontium-89/90	6.8E-10±1.3E-09	µCi/mL	EM
0	Total activity	2.6E-04±3.8E-08	µCi/mL	EM
0	Total radium	2.3E-09±3.0E-10	µCi/mL	IT
2	Tritium	2.3E-04±3.0E-05	µCi/mL	IT
2	Tritium	2.3E-04±3.0E-05	µCi/mL	IT
0	Zirconium-95	<4.9E-08	µCi/mL	EM

WELL NBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91
Depth to water: 89.45 ft (27.26 m) below TOC
Water elevation: 223.25 ft (68.05 m) msl
Sp. conductance: 816 µS/cm
Water evacuated before sampling: 13 gal
The well went dry during purging.

Time: 12:50
pH: 5.0
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 20.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
2	Specific conductance	793	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	51	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	16,500	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	5,810	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
2	Dichloromethane (Methylene chloride)	B 5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	0.23	µg/L	IT

WELL NBG 2 collected on 02/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	788	µg/L	IT
0	Lead	18	µg/L	IT
1	Magnesium	6,510	µg/L	IT
2	Manganese	60	µg/L	IT
1	Mercury	1.0	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	330	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	916	µg/L	IT
0	Selenium	2.4	µg/L	IT
0	Silica	3,590	µg/L	IT
0	Silver	<1.5	µg/L	IT
2	Sodium	124,000	µg/L	IT
0	Sulfate	28,900	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
2	Total dissolved solids	641,000	µg/L	IT
0	Total organic carbon	1,290	µg/L	IT
1	Total organic halogens	58	µg/L	IT
1	Total phosphates (as P)	349	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	58	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Antimony-125	<4.4E-08	µCi/mL	EM
0	Cerium-144	<9.8E-08	µCi/mL	EM
0	Cesium-134	<1.8E-08	µCi/mL	EM
0	Cesium-137	<1.6E-08	µCi/mL	EM
0	Chromium-51	<1.2E-07	µCi/mL	EM
0	Cobalt-60	<1.8E-08	µCi/mL	EM
0	Gross alpha	7.3E-09±3.5E-09	µCi/mL	IT
0	Iodine-131	<1.6E-08	µCi/mL	EM
0	Niobium-95	<1.9E-08	µCi/mL	EM
2	Nonvolatile beta	6.2E-08±7.0E-09	µCi/mL	IT
0	Ruthenium-103	<1.4E-08	µCi/mL	EM
0	Ruthenium-106	<1.4E-07	µCi/mL	EM
0	Strontium-89/90	2.0E-09±1.0E-09	µCi/mL	EM
0	Total activity	2.4E-03±3.7E-05	µCi/mL	EM
2	Total radium	2.1E-08±3.0E-09	µCi/mL	IT
2	Tritium	2.1E-03±3.0E-04	µCi/mL	IT
0	Zirconium-95	<2.5E-08	µCi/mL	EM

WELL NBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91
Depth to water: 98.48 ft (29.41 m) below TOC
Water elevation: 215.92 ft (65.81 m) msl
Sp. conductance: 90 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.

Time: 14:05
pH: 8.0
Alkalinity ($CaCO_3$): 22 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	IT
0	Specific conductance	77	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	12	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	7,810	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,610	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT

ANALYTICAL RESULTS

WELL NBG 3 collected on 02/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Iron	14	µg/L	IT
0	Lead	3.3	µg/L	IT
0	Magnesium	657	µg/L	IT
0	Manganese	1.5	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,470	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,400	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,770	µg/L	IT
0	Sulfate	1,100	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	J 2.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	89,000	µg/L	IT
0	Total organic carbon	1,400	µg/L	IT
0	Total organic halogens	19	µg/L	IT
0	Total phosphates (as P)	220	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	12	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Antimony-125	<6.0E-08	µCi/mL	EM
0	Cerium-144	<1.2E-07	µCi/mL	EM
0	Cesium-134	<2.2E-08	µCi/mL	EM
0	Cesium-137	<2.2E-08	µCi/mL	EM
0	Chromium-51	<2.9E-07	µCi/mL	EM
0	Cobalt-60	<2.5E-08	µCi/mL	EM
0	Gross alpha	4.4E-09 ± 3.2E-09	µCi/mL	IT
0	Iodine-131	<1.5E-07	µCi/mL	EM
0	Niobium-95	<3.7E-08	µCi/mL	EM
0	Nonvolatile beta	7.6E-09 ± 3.3E-09	µCi/mL	IT
0	Ruthenium-103	<3.1E-08	µCi/mL	EM
0	Ruthenium-106	<2.1E-07	µCi/mL	EM
0	Strontium-89/90	1.0E-09 ± 1.3E-09	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
1	Tritium	1.5E-05 ± 2.0E-06	µCi/mL	IT
0	Zirconium-95	<5.3E-08	µCi/mL	EM

WELL NBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91
Depth to water: 91.04 ft (27.75 m) below TOC
Water elevation: 215.48 ft (65.67 m) msl
Sp. conductance: 35 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 13:45
pH: 5.3
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	24	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.7	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,560	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,490	µg/L	IT
0	Chloride	1,460	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	120	µg/L	IT
0	Lead	25	µg/L	IT
0	Magnesium	414	µg/L	IT
0	Manganese	3.4	µg/L	IT
0	Mercury	<0.20	µg/L	IT

WELL NBG 4 collected on 02/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,230	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,320	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,720	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
1	Tetrachloroethylene	J 3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	80,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	100	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Antimony-125	<1.8E-07	µCi/mL	EM
0	Cerium-144	<5.1E-07	µCi/mL	EM
0	Cesium-134	<5.9E-08	µCi/mL	EM
0	Cesium-137	<5.3E-08	µCi/mL	EM
0	Chromium-51	<1.3E-05	µCi/mL	EM
0	Cobalt-60	<8.7E-08	µCi/mL	EM
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Gross alpha	-3.5E-10 ± 1.3E-09	µCi/mL	EM
0	Iodine-131	<7.8E-03	µCi/mL	EM
0	Niobium-95	<7.9E-07	µCi/mL	EM
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Ruthenium-103	<5.8E-07	µCi/mL	EM
0	Ruthenium-106	<8.0E-07	µCi/mL	EM
0	Strontium-89/90	-3.5E-10 ± 1.3E-09	µCi/mL	EM
0	Strontium-89/90	4.2E-10 ± 1.5E-09	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	6.4E-06 ± 7.0E-07	µCi/mL	IT
0	Tritium	6.5E-06 ± 7.0E-07	µCi/mL	IT
0	Zirconium-95	<4.2E-07	µCi/mL	EM

WELL NBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91
Depth to water: 87.37 ft (26.63 m) below TOC
Water elevation: 216.13 ft (65.88 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 14 gal
The well went dry during purging.

Time: 13:25
pH: 5.4
Alkalinity ($CaCO_3$): 6 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	32	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	8.1	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,230	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,280	µg/L	IT
0	Chloride	2,170	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	18	µg/L	IT
0	Lead	14	µg/L	IT
0	Magnesium	517	µg/L	IT
0	Manganese	2.8	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT

WELL NBG 5 collected on 02/28/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	1,050	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,450	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,930	µg/L	IT
0	Sulfate	1,140	µg/L	IT
0	Sulfate	1,110	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	57,000	µg/L	IT
0	Total organic carbon	1,550	µg/L	IT
0	Total organic halogens	7.4	µg/L	IT
0	Total phosphates (as P)	24	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	J 2.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Antimony-125	<3.9E-08	µCi/mL	EM
0	Cerium-144	<8.9E-08	µCi/mL	EM
0	Cesium-134	<1.4E-08	µCi/mL	EM
0	Cesium-137	<1.4E-08	µCi/mL	EM
0	Chromium-51	<7.9E-07	µCi/mL	EM
0	Cobalt-60	<1.5E-08	µCi/mL	EM
0	Gross alpha	<1.0E-09	µCi/mL	IT
0	Niobium-95	<8.2E-08	µCi/mL	EM
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Ruthenium-103	<5.1E-08	µCi/mL	EM
0	Ruthenium-106	<1.3E-07	µCi/mL	EM
0	Strontium-89/90	-5.4E-10 ± 1.2E-09	µCi/mL	EM
0	Strontium-89/90	2.8E-10 ± 1.3E-09	µCi/mL	EM
2	Total radium	1.5E-08 ± 2.0E-10	µCi/mL	IT
0	Tritium	7.6E-06 ± 8.0E-07	µCi/mL	IT
0	Zirconium-95	<4.9E-08	µCi/mL	EM

WELL P 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 Time: 10:20
Depth to water: 34.61 ft (10.55 m) below TOC
Water elevation: 119.89 ft (36.54 m) msl
The well pumped dry before all field parameters were collected.

WELL P 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 Time: 15:50
Depth to water: 33.69 ft (10.27 m) below TOC pH: 5.9
Water elevation: 120.81 ft (36.82 m) msl Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 37 µS/cm Water temperature: 19.4°C
Water evacuated before sampling: 253 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	pH	5.8	pH	IT
0	Specific conductance	39	µS/cm	GE
0	Specific conductance	37	µS/cm	IT
0	Specific conductance	38	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	23	µg/L	GE
0	Barium	29	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,800	µg/L	GE
0	Calcium	3,340	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,820	µg/L	GE
0	Chloride	1,540	µg/L	IT
0	Chloride	1,540	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT

WELL P 26A collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	760	µg/L	GE
2	Iron	989	µg/L	IT
[	Lead	<3.0	µg/L	GE
J	Lead	<2.0	µg/L	IT
0	Magnesium	510	µg/L	GE
0	Magnesium	560	µg/L	IT
0	Manganese	17	µg/L	GE
0	Manganese	22	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	340	µg/L	IT
0	Nitrate as nitrogen	340	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,300	µg/L	GE
0	Potassium	1,750	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
1	Silica	32,000	µg/L	GE
1	Silica	31,700	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT
0	Sodium	1,200	µg/L	GE
0	Sodium	1,330	µg/L	IT
0	Sulfate	6,700	µg/L	GE
0	Sulfate	6,080	µg/L	IT
0	Sulfate	6,150	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	25,000	µg/L	GE
0	Total dissolved solids	41,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,070	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	17	µg/L	IT
0	Total phosphates (as P)	90	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
2	Americium-241	1.6E-08 ± 2.0E-09	µCi/mL	IT
2	Americium-241	1.5E-08 ± 2.0E-09	µCi/mL	IT
0	Antimony-125	<2.0E-08	µCi/mL	IT
0	Antimony-125	<2.5E-08	µCi/mL	IT

ANALYTICAL RESULTS

WELL P 26A collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cerium-141	<1.1E-08	µCi/mL	IT
0	Cerium-141	<1.3E-08	µCi/mL	IT
0	Cerium-144	<4.9E-08	µCi/mL	IT
0	Cerium-144	<6.3E-08	µCi/mL	IT
0	Cesium-134	<8.1E-09	µCi/mL	IT
0	Cesium-134	<1.0E-08	µCi/mL	IT
0	Cesium-137	<8.0E-09	µCi/mL	IT
0	Cesium-137	<1.0E-08	µCi/mL	IT
0	Cobalt-58	<7.3E-09	µCi/mL	IT
0	Cobalt-58	<1.1E-08	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<7.7E-09	µCi/mL	IT
0	Manganese-54	<9.8E-09	µCi/mL	IT
0	Niobium-95	<8.3E-09	µCi/mL	IT
0	Niobium-95	<9.9E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Nonvolatile beta	4.5E-09 ± 2.9E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.2E-09 ± 4.0E-10	µCi/mL	IT
0	Radium-226	<1.4E-08	µCi/mL	IT
0	Radium-226	<1.8E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<3.0E-08	µCi/mL	IT
0	Radium-228	<4.4E-08	µCi/mL	IT
0	Ruthenium-103	<7.5E-09	µCi/mL	IT
0	Ruthenium-103	<9.2E-09	µCi/mL	IT
0	Ruthenium-106	<6.1E-08	µCi/mL	IT
0	Ruthenium-106	<9.6E-08	µCi/mL	IT
0	Sodium-22	<8.8E-09	µCi/mL	IT
0	Sodium-22	<1.3E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	1.2E-09 ± 4.0E-10	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.2E-08	µCi/mL	IT
0	Thorium-232	<1.6E-08	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	1.4E-09 ± 8.0E-10	µCi/mL	IT
0	Uranium-234	1.6E-09 ± 8.0E-10	µCi/mL	IT
0	Uranium-235	<9.1E-09	µCi/mL	IT
0	Uranium-235	<1.2E-08	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.1E-07	µCi/mL	IT
0	Uranium-238	<1.5E-07	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Zinc-65	<1.7E-08	µCi/mL	IT
0	Zinc-65	<2.6E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.6E-08	µCi/mL	IT

WELL P 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91
Depth to water: 33.69 ft (10.27 m) below TOC
Water elevation: 120.81 ft (36.82 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 253 gal
Time: 15:50
pH: 5.9
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	pH	6.3	pH	GE
0	pH	5.7	pH	IT
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	40	µS/cm	GE
0	Specific conductance	37	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	23	µg/L	GE
0	Barium	25	µg/L	GE
0	Barium	30	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE

WELL P 26A collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,800	µg/L	GE
0	Calcium	3,000	µg/L	GE
0	Calcium	3,490	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,850	µg/L	GE
0	Chloride	1,740	µg/L	GE
0	Chloride	1,540	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<10J	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
2	Iron	790	µg/L	GE
2	Iron	840	µg/L	GE
2	Iron	1,040	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	510	µg/L	GE
0	Magnesium	540	µg/L	GE
0	Magnesium	579	µg/L	IT
0	Manganese	18	µg/L	GE
0	Manganese	19	µg/L	GE
0	Manganese	23	µg/L	IT

WELL P 26A collected on 0 /13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,400	µg/L	GE
0	Potassium	1,300	µg/L	GE
0	Potassium	1,850	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
1	Silica	32,000	µg/L	GE
1	Silica	32,000	µg/L	GE
1	Silica	33,000	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT
0	Sodium	1,300	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sodium	1,380	µg/L	IT
0	Sulfate	6,740	µg/L	GE
0	Sulfate	6,910	µg/L	GE
0	Sulfate	6,070	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	J 1.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	21,000	µg/L	GE
0	Total dissolved solids	20,000	µg/L	GE
0	Total dissolved solids	57,000	µg/L	IT
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	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	18	µg/L	IT
0	Total phosphates (as P)	110	µg/L	GE
0	Total phosphates (as P)	100	µg/L	GE
0	Total phosphates (as P)	167	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
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	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
1	Americium-241	3.5E-09 ± 6.0E-10	µCi/mL	IT
0	Antimony-125	<1.6E-08	µCi/mL	IT
0	Cerium-141	<9.2E-09	µCi/mL	IT
0	Cerium-144	<4.2E-08	µCi/mL	IT
0	Cesium-134	<6.6E-09	µCi/mL	IT
0	Cesium-137	<6.8E-09	µCi/mL	IT
0	Cobalt-58	<5.9E-09	µCi/mL	IT
0	Cobalt-60	<8.2E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<6.6E-09	µCi/mL	IT
0	Niobium-95	<6.6E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	1.5E-09 ± 1.0E-09	µCi/mL	IT
0	Radium-226	1.6E-09 ± 4.0E-10	µCi/mL	IT
0	Radium-226	<1.2E-08	µCi/mL	IT
0	Radium-228	1.0E-09 ± 6.0E-10	µCi/mL	IT
0	Radium-228	<2.4E-08	µCi/mL	IT
0	Ruthenium-103	<6.4E-09	µCi/mL	IT
0	Ruthenium-106	<5.8E-08	µCi/mL	IT
0	Sodium-22	<8.2E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.8E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT

WELL P 26A collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total radium	1.4E-09 ± 3.7E-09	µCi/mL	GE
0	Total radium	1.1E-09 ± 3.8E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	3.0E-09 ± 1.4E-09	µCi/mL	IT
0	Uranium-235	<7.4E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-238	<9.8E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Zinc-65	<1.7E-08	µCi/mL	IT
0	Zirconium-95	<1.2E-08	µCi/mL	IT

WELL P 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 Time: 10:30
Depth to water: 43.19 ft (13.16 m) below TOC
Water elevation: 111.31 ft (33.93 m) msl
The well pumped dry before all field parameters were collected

WELL P 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 Time: 17:10
Depth to water: 42.41 ft (12.93 m) below TOC pH: 6.7
Water elevation: 112.09 ft (34.17 m) msl Alkalinity ($CaCO_3$): 28 mg/L
Sp. conductance: 72 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 99 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	pH	IT
0	Specific conductance	74	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	18	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	11,100	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,190	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
1	Iron	151	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	591	µg/L	IT
0	Manganese	6.0	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	560	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	955	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	10,100	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	2,050	µg/L	IT
0	Sulfate	3,040	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	48,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	14	µg/L	IT
0	Total phosphates (as P)	49	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT

ANALYTICAL RESULTS

WELL P 26B collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
2	Americium-241	1.3E-08±2.0E-09	µCi/mL	IT
0	Antimony-125	<1.4E-08	µCi/mL	IT
0	Cerium-141	<7.8E-09	µCi/mL	IT
0	Cerium-144	<3.5E-08	µCi/mL	IT
0	Cesium-134	<5.6E-09	µCi/mL	IT
0	Cesium-137	<5.7E-09	µCi/mL	IT
0	Cobalt-58	<5.5E-09	µCi/mL	IT
0	Cobalt-60	<7.0E-09	µCi/mL	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Manganese-54	<5.5E-09	µCi/mL	IT
0	Niobium-95	<5.7E-09	µCi/mL	IT
0	Nonvolatile beta	<8.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.3E-09±4.0E-10	µCi/mL	IT
0	Radium-228	<1.1E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<2.1E-08	µCi/mL	IT
0	Ruthenium-103	<5.4E-09	µCi/mL	IT
0	Ruthenium-106	<4.9E-08	µCi/mL	IT
0	Sodium-22	<8.1E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<8.2E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Tritium	3.5E-08±4.0E-07	µCi/mL	IT
0	Uranium-234	6.1E-09±2.3E-09	µCi/mL	IT
0	Uranium-235	<8.5E-09	µCi/mL	IT
0	Uranium-235	1.4E-09±1.1E-09	µCi/mL	IT
0	Uranium-238	<8.4E-08	µCi/mL	IT
0	Uranium-238	2.7E-09±1.6E-09	µCi/mL	IT
0	Zinc-65	<1.2E-08	µCi/mL	IT
0	Zirconium-95	<9.6E-09	µCi/mL	IT

WELL P 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/04/91 Time: 10:50
Depth to water: 35.21 ft (10.73 m) below TOC
Water elevation: 119.29 ft (36.36 m) msl
The well pumped dry before all field parameters were collected.

WELL P 26D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 Time: 17:50
Depth to water: 34.39 ft (10.48 m) below TOC pH: 6.1
Water elevation: 120.11 ft (36.61 m) msl Alkalinity ($CaCO_3$): 12 mg/L
Sp. conductance: 32 µS/cm Water temperature: 19.0°C
Water evacuated before sampling: 51 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	IT
0	Specific conductance	35	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	9.8	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,260	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,090	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT

WELL P 26D collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Fluoride	<250	µg/L	IT
0	Iron	27	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	382	µg/L	IT
0	Manganese	1.2	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	620	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	843	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	9,840	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	2,060	µg/L	IT
0	Sulfate	1,380	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	42,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	13	µg/L	IT
0	Total phosphates (as P)	93	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Americium-241	1.3E-09±4.0E-10	µCi/mL	IT
0	Antimony-125	<1.0E-08	µCi/mL	IT
0	Cerium-141	<4.0E-09	µCi/mL	IT
0	Cerium-144	<1.7E-08	µCi/mL	IT
0	Cesium-134	<3.9E-09	µCi/mL	IT
0	Cesium-137	<4.8E-09	µCi/mL	IT
0	Cobalt-58	<4.8E-09	µCi/mL	IT
0	Cobalt-60	<6.3E-09	µCi/mL	IT
0	Gross alpha	2.0E-09±1.6E-09	µCi/mL	IT
0	Manganese-54	<4.7E-09	µCi/mL	IT
0	Niobium-95	<4.6E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.2E-09±4.0E-10	µCi/mL	IT
2	Radium-228	2.8E-08±3.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.8E-08	µCi/mL	IT
0	Ruthenium-103	<4.0E-09	µCi/mL	IT
0	Ruthenium-106	<3.7E-08	µCi/mL	IT
0	Sodium-22	<5.9E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
1	Thorium-230	1.0E-09±4.0E-10	µCi/mL	IT
2	Thorium-232	1.6E-08±2.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Tritium	3.8E-06±4.0E-07	µCi/mL	IT
0	Uranium-234	1.0E-08±3.0E-09	µCi/mL	IT
0	Uranium-235	<1.8E-08	µCi/mL	IT
0	Uranium-235	2.7E-09±1.6E-09	µCi/mL	IT
2	Uranium-238	4.2E-07±5.0E-08	µCi/mL	IT
0	Uranium-238	1.8E-09±1.4E-09	µCi/mL	IT
0	Zinc-65	<1.1E-08	µCi/mL	IT
0	Zirconium-95	<7.5E-09	µCi/mL	IT

WELL P 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91 Time: 16:30
Depth to water: 110.50 ft (33.68 m) below TOC pH: 6.1
Water elevation: 175.20 ft (53.40 m) msl Alkalinity ($CaCO_3$): 16 mg/L
Sp. conductance: 61 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 605 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	58	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,840	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE

WELL P 28A collected on 03/01/91, laboratory analyses (continued)

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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dissolved organic carbon	<1,000	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	2,000	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	480	µg/L	GE
1	Manganese	26	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	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	810	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	11,800	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	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)	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	3.3E-09±2.7E-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 P 28TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91
Depth to water: 111.74 ft (34.06 m) below TOC
Water elevation: 173.86 ft (52.93 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 1388 gal
Time: 15:40
pH: 5.9
Alkalinity ($CaCO_3$): 4 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	pH	6.4	pH	GE
0	Specific conductance	38	µS/cm	GE
0	Specific conductance	37	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.6	µg/L	GE
0	Barium	8.9	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,900	µg/L	GE
0	Calcium	2,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,780	µg/L	GE
0	Chloride	1,750	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

WELL P 28TB collected on 03/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dissolved organic carbon	<1,000	µg/L	GE
0	Dissolved organic carbon	<1,000	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
2	Iron	4,100	µg/L	GE
2	Iron	4,300	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	300	µg/L	GE
0	Magnesium	310	µg/L	GE
1	Manganese	40	µg/L	GE
1	Manganese	42	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	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	600	µg/L	GE
0	Potassium	630	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	13,600	µg/L	GE
0	Sulfate	13,100	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	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	54,000	µg/L	GE
0	Total dissolved solids	39,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	108	µg/L	GE
2	Total organic halogens	112	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.2E-09±3.5E-09	µCi/mL	GE
1	Total radium	2.7E-09±3.9E-09	µCi/mL	GE
1	Total radium	3.2E-09±3.9E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL P 28TC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91
Depth to water: 111.15 ft (33.88 m) below TOC
Water elevation: 173.65 ft (52.93 m) msl
Sp. conductance: 1660 µS/cm
Water evacuated before sampling: 63 gal
The well went dry during purging.

Time: 14:00
pH: 12.0
Alkalinity ($CaCO_3$): 568 mg/L
Water temperature: 20.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	12	pH	GE
2	Specific conductance	2,010	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	210	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	200,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dissolved organic carbon	1,000	µg/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	6.0	µg/L	GE
0	Magnesium	11	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	9.0	µg/L	GE
2	Potassium	13,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	17,000	µg/L	GE
0	Sulfate	9,300	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
1	Total dissolved solids	436,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.1E-09 ± 3.0E-09	µCi/mL	GE
1	Total radium	4.0E-09 ± 4.4E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL P 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91
Depth to water: 103.16 ft (31.44 m) below TOC
Water elevation: 166.14 ft (50.64 m) msl
Sp. conductance: 52 µS/cm
Water evacuated before sampling: 121 gal

Time: 10:50
pH: 5.7
Alkalinity ($CaCO_3$): 27 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	54	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.6	µg/L	GE

WELL P 29C collected on 03/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Benzene	37	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	6,700	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	2.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dissolved organic carbon	<1,000	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	1,800	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	430	µg/L	GE
1	Manganese	29	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	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	Selenium	<2.0	µg/L	GE
0	Silica	9,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	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
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.9E-08 ± 3.0E-09	µCi/mL	GE
0	Tritium	2.7E-06 ± 3.0E-07	µCi/mL	GE

WELL P 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91
Depth to water: 98.99 ft (30.17 m) below TOC
Water elevation: 169.61 ft (51.70 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 1552 gal

Time: 12:05
pH: 5.7
Alkalinity ($CaCO_3$): 5 mg/L
Water temperature: 20.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	470	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,920	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE

WELL P 29TA collected on 03/01/91, laboratory analyses (continued)

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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dissolved organic carbon	<1,000	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	2,300	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	250	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	<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	Silica	8,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	1,820	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	36,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	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±3.0E-09	µCi/mL	GE
0	Tritium	1.9E-06±3.0E-07	µCi/mL	GE

WELL P 29TC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91
Depth to water: 98.32 ft (29.97 m) below TOC
Water elevation: 170.58 ft (51.99 m) msl
Sp. conductance: 32 µS/cm
Water evacuated before sampling: 1080 gal
Time: 12:40
pH: 6.0
Alkalinity ($CaCO_3$): 9 mg/L
Water temperature: 20.6°C

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	5.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Dissolved organic carbon	<1,000	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	1,000	µg/L	GE
0	Lead	<3.0	µg/L	GE

WELL P 29TC collected on 03/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Magnesium	200	µg/L	GE
1	Manganese	26	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sulfate	4,890	µg/L	GE
0	Sulfide	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	38,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09±2.7E-09	µCi/mL	GE
0	Tritium	1.3E-06±2.0E-07	µCi/mL	GE

WELL PAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: 11.39 ft (3.47 m) below TOC
Water elevation: 284.51 ft (86.72 m) msl
Sp. conductance: 43 µS/cm
Water evacuated before sampling: 80 gal
Time: 15:35
pH: 5.5
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 18.0°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	21	µS/cm	GE
0	Specific conductance	21	µS/cm	GE
0	Specific conductance	21	µS/cm	GE
0	Specific conductance	21	µS/cm	GE
0	Turbidity	18	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	22	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	920	µg/L	GE
0	Chloride	3,150	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	110	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	310	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	Nitrate as nitrogen	550	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	660	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	4,400	µg/L	GE
0	Sulfate	3,780	µg/L	GE
0	Total dissolved solids	40,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	7.5E-06±4.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL PAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: 13.95 ft (4.25 m) below TOC
Water elevation: 270.85 ft (82.56 m) msl
Sp. conductance: 74 µS/cm
Water evacuated before sampling: 60 gal
Time: 14:40
pH: 6.0
Alkalinity ($CaCO_3$): 9 mg/L
Water temperature: 17.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Turbidity	13	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	26	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,500	µg/L	GE
0	Chloride	3,570	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	1,100	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	890	µg/L	GE
2	Manganese	53	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	930	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	4,900	µg/L	GE
0	Sulfate	11,900	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	46	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL PAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: 19.17 ft (5.84 m) below TOC
Water elevation: 270.73 ft (82.52 m) msl
Sp. conductance: 356 µS/cm
Water evacuated before sampling: 47 gal
Time: 13:30
pH: 6.4
Alkalinity ($CaCO_3$): 28 mg/L
Water temperature: 14.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
1	Specific conductance	311	µS/cm	GE
0	Turbidity	5.2	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	35	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	13,000	µg/L	GE
0	Chloride	7,270	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	150	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	3,400	µg/L	GE
0	Manganese	3.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	35,000	µg/L	GE
1	Sulfate	270,000	µg/L	GE
0	Total dissolved solids	213,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

WELL PAC 3 collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	2.5E-09 ± 3.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	6.9E-09 ± 4.0E-07	µCi/mL	GE

WELL PAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: 7.21 ft (2.20 m) below TOC
Water elevation: 284.39 ft (86.68 m) msl
Sp. conductance: 205 µS/cm
Water evacuated before sampling: 89 gal
Time: 15:05
pH: 5.3
Alkalinity ($CaCO_3$): 5 mg/L
Water temperature: 18.7°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	127	µS/cm	GE
0	Specific conductance	128	µS/cm	GE
0	Specific conductance	130	µS/cm	GE
0	Specific conductance	130	µS/cm	GE
0	Turbidity	9.6	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	250	µg/L	GE
0	Chloride	4,960	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	24	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Manganese	3.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,100	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	570	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	28,000	µg/L	GE
1	Sulfate	388,000	µg/L	GE
0	Total dissolved solids	144,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09 ± 2.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	9.8E-06 ± 4.0E-07	µCi/mL	GE

WELL PAC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: 14.17 ft (4.32 m) below TOC
Water elevation: 275.13 ft (83.86 m) msl
Sp. conductance: 501 µS/cm
Water evacuated before sampling: 8 gal
The well went dry during purging.
Time: 13:55
pH: 7.3
Alkalinity ($CaCO_3$): 100 mg/L
Water temperature: 14.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
1	Specific conductance	447	µS/cm	GE
0	Turbidity	6.4	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	36	µg/L	GE
0	Lindane	0.013	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	33,000	µg/L	GE
0	Chloride	6,840	µg/L	GE
0	Chromium	15	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	240	µg/L	GE

WELL PAC 5 collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lead	<3.0	µg/L	GE
2	Magnesium	9,800	µg/L	GE
2	Manganese	50	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	1,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
2	Sodium	52,000	µg/L	GE
1	Sulfate	250,000	µg/L	GE
1	Total dissolved solids	345,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	23	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	6.6E-09±2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	7.5E-06±4.0E-07	µCi/mL	GE

WELL PAC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: 15.17 ft (4.62 m) below TOC
Water elevation: 274.23 ft (83.59 m) msl
Sp. conductance: 419 µS/cm
Water evacuated before sampling: 9 gal
The well went dry during purging.

Time: 14:10
pH: 6.9
Alkalinity ($CaCO_3$): 83 mg/L
Water temperature: 14.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
1	Specific conductance	360	µS/cm	GE
2	Turbidity	217	NTU	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	34	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
1	Calcium	25,000	µg/L	GE
0	Chloride	6,690	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	3,000	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Magnesium	7,300	µg/L	GE
2	Manganese	370	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	1,300	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	22,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	35,000	µg/L	GE
0	Sulfate	87,100	µg/L	GE
1	Total dissolved solids	242,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	9.8E-09±7.3E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	6.5E-06±4.0E-07	µCi/mL	GE

WELL PCB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/24/91
Depth to water: 25.83 ft (7.87 m) below TOC
Water elevation: 279.67 ft (85.24 m) msl
Sp. conductance: 281 µS/cm
Water evacuated before sampling: 42 gal

Time: 12:20
pH: 3.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.1	pH	IT
0	pH	4.1	pH	IT
0	Specific conductance	246	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	31	µg/L	IT
0	Lindane	<0.010	µg/L	IT

WELL PCB 1A collected on 01/24/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cadmium	<1.5	µg/L	IT
0	Calcium	9,210	µg/L	IT
0	Chloride	3,760	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	7.1	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	343	µg/L	IT
0	Lead	8.7	µg/L	IT
0	Magnesium	2,840	µg/L	IT
2	Manganese	484	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	894	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,270	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	5,430	µg/L	IT
0	Sulfate	132,000	µg/L	IT
0	Total dissolved solids	190,000	µg/L	IT
0	Total dissolved solids	207,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	11	µg/L	IT
0	Total phosphates (as P)	24	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
1	Total radium	3.3E-09±8.0E-10	µCi/mL	IT
1	Tritium	1.1E-05±2.0E-06	µCi/mL	IT

WELL PCB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/24/91
Depth to water: 26.34 ft (8.03 m) below TOC
Water elevation: 278.56 ft (84.91 m) msl
Sp. conductance: 54 µS/cm
Water evacuated before sampling: 54 gal

Time: 11:40
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	43	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	12	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,370	µg/L	IT
0	Chloride	4,740	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	9.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	9.7	µg/L	IT
0	Lead	<3.0	µg/L	IT
0	Magnesium	691	µg/L	IT
1	Manganese	38	µg/L	IT
0	Mercury	0.21	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,850	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	5,420	µg/L	IT
0	Sulfate	8,490	µg/L	IT
0	Total dissolved solids	40,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	25	µg/L	IT
0	Total phosphates (as P)	21	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	5.5E-06±6.0E-07	µCi/mL	IT

ANALYTICAL RESULTS

WELL PCB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/24/91
Depth to water: 23.37 ft (7.12 m) below TOC
Water elevation: 281.23 ft (85.72 m) msl
Sp. conductance: 524 µS/cm
Water evacuated before sampling: 49 gal

Time: 11:00
pH: 3.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	3.7	pH	IT
1	Specific conductance	434	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	21	µg/L	IT
0	Lindane	<0.010	µg/L	IT
1	Cadmium	8.0	µg/L	IT
1	Calcium	21,600	µg/L	IT
0	Chloride	1,420	µg/L	IT
0	Chromium	5.5	µg/L	IT
0	Copper	135	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
1	Iron	261	µg/L	IT
1	Lead	46	µg/L	IT
1	Magnesium	4,090	µg/L	IT
2	Manganese	618	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	763	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	14,200	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	1,070	µg/L	IT
1	Sulfate	294,000	µg/L	IT
1	Total dissolved solids	435,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	5.5	µg/L	IT
0	Total phosphates (as P)	40	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	4.6E-09±2.8E-09	µCi/mL	IT
0	Nonvolatile beta	7.6E-09±3.6E-09	µCi/mL	IT
1	Total radium	4.3E-09±7.0E-10	µCi/mL	IT
1	Total radium	4.2E-09±1.0E-09	µCi/mL	IT
0	Tritium	3.3E-06±4.0E-07	µCi/mL	IT
0	Tritium	3.3E-06±4.0E-07	µCi/mL	IT

WELL PCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/24/91
Depth to water: 31.27 ft (9.53 m) below TOC
Water elevation: 278.33 ft (84.84 m) msl
Sp. conductance: 433 µS/cm
Water evacuated before sampling: 40 gal

Time: 12:55
pH: 3.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	4.0	pH	GE
1	pH	4.0	pH	GE
1	pH	3.9	pH	IT
1	Specific conductance	384	µS/cm	GE
1	Specific conductance	390	µS/cm	GE
1	Specific conductance	335	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	41	µg/L	GE
0	Barium	38	µg/L	GE
0	Barium	32	µg/L	IT
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	11,000	µg/L	GE
0	Calcium	11,000	µg/L	GE
0	Calcium	9,210	µg/L	IT
0	Chloride	6,620	µg/L	GE
0	Chloride	6,630	µg/L	GE
0	Chloride	6,600	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	34	µg/L	GE
0	Copper	32	µg/L	GE
0	Copper	24	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE

WELL PCB 4A collected on 01/24/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	1,100	µg/L	GE
0	Fluoride	1,200	µg/L	GE
0	Fluoride	260	µg/L	IT
0	Iron	19	µg/L	GE
0	Iron	18	µg/L	GE
0	Iron	31	µg/L	IT
0	Lead	11	µg/L	GE
0	Lead	12	µg/L	GE
0	Lead	15	µg/L	IT
1	Magnesium	4,900	µg/L	GE
1	Magnesium	4,700	µg/L	GE
1	Magnesium	4,300	µg/L	IT
2	Manganese	550	µg/L	GE
2	Manganese	540	µg/L	GE
2	Manganese	489	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	110	µg/L	GE
0	Nitrate as nitrogen	100	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	2.0	µg/L	GE
0	Selenium	2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	10,000	µg/L	GE
0	Silica	9,800	µg/L	GE
0	Silica	9,080	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	7,100	µg/L	GE
0	Sodium	7,000	µg/L	GE
0	Sodium	6,410	µg/L	IT
2	Sulfate	6.1E+06	µg/L	GE
2	Sulfate	4.9E+06	µg/L	GE
1	Sulfate	208,000	µg/L	IT
1	Total dissolved solids	300,000	µg/L	GE
1	Total dissolved solids	341,000	µg/L	GE
1	Total dissolved solids	332,000	µg/L	IT
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	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	32	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	22	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
1	Gross alpha	9.2E-09±3.8E-09	µCi/mL	GE
0	Gross alpha	7.2E-09±3.5E-09	µCi/mL	GE
2	Gross alpha	1.5E-08±4.0E-09	µCi/mL	IT
0	Nonvolatile beta	5.2E-09±3.7E-09	µCi/mL	GE
0	Nonvolatile beta	9.9E-09±4.1E-09	µCi/mL	GE
0	Nonvolatile beta	8.9E-09±3.4E-09	µCi/mL	IT
2	Total radium	9.0E-09±5.4E-09	µCi/mL	GE
2	Total radium	8.0E-09±5.1E-09	µCi/mL	GE
1	Total radium	4.1E-09±7.0E-10	µCi/mL	IT
1	Total radium	4.0E-09±5.0E-10	µCi/mL	IT
1	Tritium	1.2E-05±4.0E-07	µCi/mL	GE
1	Tritium	1.2E-05±4.0E-07	µCi/mL	GE
0	Tritium	9.5E-06±1.0E-06	µCi/mL	IT

WELL PCB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/24/91
Depth to water: 31.27 ft (9.53 m) below TOC
Water elevation: 278.33 ft (84.84 m) msl
Sp. conductance: 433 µS/cm
Water evacuated before sampling: 40 gal

Time: 12:55
pH: 3.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	4.0	pH	GE
1	pH	3.9	pH	IT
1	Specific conductance	391	µS/cm	GE

WELL PCB 4A collected on 01/24/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
1	Specific conductance	397	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	41	µg/L	GE
0	Barium	33	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	12,000	µg/L	GE
0	Calcium	9,800	µg/L	IT
0	Chloride	6,910	µg/L	GE
0	Chloride	6,550	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	38	µg/L	GE
0	Copper	26	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	1,300	µg/L	GE
0	Fluoride	260	µg/L	IT
0	Iron	15	µg/L	GE
0	Iron	18	µg/L	IT
0	Lead	11	µg/L	GE
0	Lead	15	µg/L	IT
1	Magnesium	4,800	µg/L	GE
1	Magnesium	4,500	µg/L	IT
2	Manganese	590	µg/L	GE
2	Manganese	512	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	100	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	2.0	µg/L	GE
0	Selenium	3.3	µg/L	IT
0	Silica	10,000	µg/L	GE
0	Silica	9,540	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	7,900	µg/L	GE
0	Sodium	6,790	µg/L	IT
2	Sulfate	2.2E+06	µg/L	GE
1	Sulfate	206,000	µg/L	IT
0	Total dissolved solids	14,000	µg/L	GE
1	Total dissolved solids	313,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
2	Total organic halogens	9,150	µg/L	GE
0	Total organic halogens	9.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	18	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	6.8E-09±3.4E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	6.9E-09±3.8E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
2	Total radium	6.9E-09±4.8E-09	µCi/mL	GE
2	Total radium	5.6E-09±8.0E-10	µCi/mL	IT
1	Tritium	1.2E-05±4.0E-07	µCi/mL	GE
0	Tritium	9.9E-06±1.0E-06	µCi/mL	IT

WELL PDB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91
Depth to water: 42.85 ft (13.06 m) below TOC
Water elevation: 276.65 ft (84.32 m) msl
Sp. conductance: 113 µS/cm
Water evacuated before sampling: 76 gal

Time: 11:55
pH: 5.2
Alkalinity ($CaCO_3$): 7 mg/L
Water temperature: 21.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	100	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	21	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	13,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,410	µg/L	GE

WELL PDB 2 collected on 03/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	37	µg/L	GE
1	Lead	47	µg/L	GE
0	Magnesium	1,500	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	Nitrate as nitrogen	3,740	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,700	µg/L	GE
0	Sulfate	24,600	µg/L	GE
0	Tetrachloroethylene	<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	37	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<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
0	Total activity	1.3E-03±7.9E-06	µCi/mL	EM
0	Total radium	1.6E-09±3.0E-09	µCi/mL	GE
2	Tritium	1.5E-03±5.6E-06	µCi/mL	GE

WELL PDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91
Depth to water: 42.62 ft (12.99 m) below TOC
Water elevation: 276.88 ft (84.39 m) msl
Sp. conductance: 64 µS/cm
Water evacuated before sampling: 76 gal

Time: 11:20
pH: 5.0
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 22.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	52	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Lindane	<0.0050	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	6,000	µg/L	GE
0	Chloroform	2.0	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	29	µg/L	GE
2	Lead	85	µg/L	GE
0	Magnesium	750	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	Nitrate as nitrogen	2,180	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	6,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,400	µg/L	GE
0	Sulfate	15,700	µg/L	GE
0	Tetrachloroethylene	<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	7.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09±2.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	1.6E-04±1.8E-06	µCi/mL	GE

ANALYTICAL RESULTS

WELL PDB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 — Time: 11:20
Depth to water: 42.62 ft (12.99 m) below TOC — pH: 5.0
Water elevation: 276.88 ft (84.39 m) msl — Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 64 µS/cm — Water temperature: 22.4°C
Water evacuated before sampling: 76 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.4	pH	GE
0	Specific conductance	54	µS/cm	GE
0	Specific conductance	53	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	13	µg/L	GE
0	Barium	13	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	6,200	µg/L	GE
0	Chloride	6,170	µg/L	GE
0	Chloroform	2.0	µg/L	GE
0	Chloroform	2.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	32	µg/L	GE
0	Iron	32	µg/L	GE
2	Lead	74	µg/L	GE
2	Lead	69	µg/L	GE
0	Magnesium	660	µg/L	GE
0	Magnesium	660	µg/L	GE
0	Manganese	9.7	µg/L	GE
0	Manganese	8.7	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	2,220	µg/L	GE
0	Nitrate as nitrogen	2,180	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	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	Silica	5,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,100	µg/L	GE
0	Sodium	8,100	µg/L	GE
0	Sulfate	14,200	µg/L	GE
0	Sulfate	15,600	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total dissolved solids	14,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	23	µg/L	GE
0	Total organic halogens	27	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Antimony-125	<1.1E-07	µCi/mL	EM
0	Cerium-144	<3.0E-07	µCi/mL	EM
0	Cesium-134	<3.7E-08	µCi/mL	EM
0	Cesium-137	<4.3E-08	µCi/mL	EM
0	Chromium-51	<3.1E-06	µCi/mL	EM
0	Cobalt-60	<3.5E-08	µCi/mL	EM
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Iodine-131	<1.3E-04	µCi/mL	EM
0	Niobium-95	<2.0E-07	µCi/mL	EM
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09±2.4E-09	µCi/mL	GE
0	Ruthenium-103	<1.8E-07	µCi/mL	EM
0	Ruthenium-106	<3.8E-07	µCi/mL	EM

WELL PDB 3 collected on 03/19/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.1E-09±3.6E-09	µCi/mL	GE
2	Tritium	1.7E-04±2.0E-08	µCi/mL	GE
2	Tritium	1.7E-04±1.9E-08	µCi/mL	GE
2	Tritium	6.7E-05±1.8E-08	µCi/mL	EM

WELL PRP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 11:55
Depth to water: 35.77 ft (10.90 m) below TOC — pH: 4.8
Water elevation: 248.83 ft (75.84 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 72 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 42 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	pH	5.0	pH	GE
0	Specific conductance	50	µS/cm	GE
0	Specific conductance	50	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	110	µg/L	GE
0	Barium	100	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Calcium	1,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	9,830	µg/L	GE
0	Chloride	9,910	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	8.8	µg/L	GE
0	Chromium	7.3	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
2	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	90	µg/L	GE
0	Iron	82	µg/L	GE
0	Lead	23	µg/L	GE
1	Lead	25	µg/L	GE
0	Magnesium	1,500	µg/L	GE
0	Magnesium	1,400	µg/L	GE
0	Manganese	7.3	µg/L	GE
0	Manganese	6.6	µg/L	GE
0	Mercury	0.49	µg/L	GE
0	Mercury	0.49	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL PRP 1A collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	2,240	µg/L	GE
0	Nitrate as nitrogen	2,240	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE
0	Potassium	860	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,100	µg/L	GE
0	Silica	8,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,500	µg/L	GE
0	Sodium	5,900	µg/L	GE
0	Sulfate	2,160	µg/L	GE
0	Sulfate	1,780	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
0	Toluene	<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	2,000	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)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	6.0	µg/L	GE
2	Trichloroethylene	6.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09±2.2E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	2.1E-09±3.6E-09	µCi/mL	GE
2	Tritium	8.0E-05±1.0E-06	µCi/mL	GE
2	Tritium	7.8E-05±9.0E-07	µCi/mL	GE

WELL PRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91
Depth to water: 31.74 ft (9.67 m) below TOC
Water elevation: 254.66 ft (77.62 m) msl
Sp. conductance: 25 µS/cm
Water evacuated before sampling: 54 gal

Time: 12:25
pH: 5.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	16	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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
1	Calcium	19,000	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,110	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	13	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE

WELL PRP 2 collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	Iron	88	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Magnesium	610	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	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	5,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,200	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	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	9,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	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	4.8E-06±3.0E-07	µCi/mL	GE

WELL PRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91
Depth to water: 26.21 ft (7.99 m) below TOC
Water elevation: 254.49 ft (77.57 m) msl
Sp. conductance: 95 µS/cm
Water evacuated before sampling: 68 gal

Time: 13:10
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	68	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	80	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	980	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	12,800	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	5.5	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
2	1,1-Dichloroethane	160	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
2	1,1-Dichloroethylene	140	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	250	µg/L	GE
1	Lead	43	µg/L	GE
0	Magnesium	1,400	µg/L	GE
2	Manganese	84	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,370	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,500	µg/L	GE
0	Sulfate	14,700	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	28	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE

ANALYTICAL RESULTS

WELL PRP 3 collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	2,000	µg/L	GE
2	Total organic halogens	258	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
2	1,1,1-Trichloroethane	240	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	42	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.5E-05 ± 5.0E-07	µCi/mL	GE

WELL PRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91
Depth to water: 28.28 ft (8.62 m) below TOC
Water elevation: 256.42 ft (78.16 m) msl
Sp. conductance: 33 µS/cm
Water evacuated before sampling: 82 gal

Time: 13:45
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	24	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	920	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,690	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	4.6	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	75	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	930	µg/L	GE
0	Manganese	3.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,460	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	7,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	1.0	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	9.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.2E-09 ± 3.1E-09	µCi/mL	GE
0	Tritium	8.7E-06 ± 4.0E-07	µCi/mL	GE

WELL PSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: 55.86 ft (17.03 m) below TOC
Water elevation: 273.24 ft (83.28 m) msl
Sp. conductance: 58 µS/cm
Water evacuated before sampling: 42 gal

Time: 12:20
pH: 6.5
Alkalinity ($CaCO_3$): 5 mg/L
Water temperature: 19.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	IT
0	pH	6.3	pH	IT
0	Specific conductance	38	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	6.1	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,440	µg/L	IT
0	Chloride	3,130	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	112	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	22	µg/L	IT
0	Lead	14	µg/L	IT
0	Magnesium	239	µg/L	IT
0	Manganese	4.7	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,680	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,280	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	4,690	µg/L	IT
0	Sulfate	1,730	µg/L	IT
0	Total dissolved solids	27,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	45	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	2.2E-09 ± 1.5E-09	µCi/mL	IT
0	Gross alpha	3.6E-09 ± 1.9E-09	µCi/mL	IT
0	Nonvolatile beta	7.1E-09 ± 3.2E-09	µCi/mL	IT
0	Nonvolatile beta	8.0E-09 ± 3.3E-09	µCi/mL	IT
0	Total activity	1.8E-01 ± 2.0E-03	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	1.7E-01 ± 2.0E-02	µCi/mL	IT

WELL PSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91
Depth to water: 50.80 ft (15.48 m) below TOC
Water elevation: 272.90 ft (83.18 m) msl
Sp. conductance: 234 µS/cm
Water evacuated before sampling: 41 gal

Time: 11:35
pH: 5.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	IT
0	Specific conductance	173	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	94	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	3,660	µg/L	IT
0	Chloride	4,700	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	62	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	11	µg/L	IT
0	Lead	11	µg/L	IT
0	Magnesium	2,730	µg/L	IT
1	Manganese	27	µg/L	IT
0	Mercury	0.42	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
2	Nitrate as nitrogen	19,400	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	513	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,160	µg/L	IT
0	Silver	<2.5	µg/L	IT
1	Sodium	27,200	µg/L	IT
0	Sulfate	1,030	µg/L	IT
0	Total dissolved solids	159,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT

WELL PSB 2A collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	21	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	8.2E-09±3.1E-09	µCi/mL	IT
0	Total activity	1.0E-01±9.9E-04	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	9.6E-02±1.0E-02	µCi/mL	IT
2	Tritium	9.6E-02±1.0E-02	µCi/mL	IT

WELL PSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 Time: 11:05
Depth to water: 46.97 ft (14.32 m) below TOC pH: 5.1
Water elevation: 271.63 ft (82.79 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 49 µS/cm Water temperature: 17.5°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	37	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	17	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,130	µg/L	IT
0	Chloride	2,530	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	532	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	18	µg/L	IT
2	Lead	81	µg/L	IT
0	Magnesium	978	µg/L	IT
0	Manganese	16	µg/L	IT
0	Mercury	0.22	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,780	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,100	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,100	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,190	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	35,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	21	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total activity	3.9E-02±4.4E-04	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	3.7E-02±4.0E-03	µCi/mL	IT
2	Tritium	3.6E-02±4.0E-03	µCi/mL	IT

WELL PSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 Time: 10:45
Depth to water: 41.74 ft (12.72 m) below TOC pH: 5.3
Water elevation: 270.76 ft (82.53 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 42 µS/cm Water temperature: 18.6°C
Water evacuated before sampling: 40 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	IT
0	Specific conductance	30	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	24	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	522	µg/L	IT
0	Chloride	2,340	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	553	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	11	µg/L	IT
2	Lead	69	µg/L	IT
0	Magnesium	438	µg/L	IT
0	Manganese	4.3	µg/L	IT
0	Mercury	<0.20	µg/L	IT

WELL PSB 4A collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,390	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	711	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	8,440	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	3,920	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	33,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	22	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total activity	1.8E-02±9.4E-05	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	1.7E-02±2.0E-03	µCi/mL	IT

WELL PSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/24/91 Time: 9:45
Depth to water: 47.16 ft (14.37 m) below TOC pH: 5.3
Water elevation: 272.14 ft (82.95 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 34 µS/cm Water temperature: 15.9°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	IT
0	Specific conductance	25	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	7.1	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	851	µg/L	IT
0	Chloride	1,530	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	215	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	45	µg/L	IT
2	Lead	55	µg/L	IT
0	Magnesium	588	µg/L	IT
0	Manganese	2.8	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	1,830	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	4,610	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	2,820	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	34,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.1E-09±4.0E-10	µCi/mL	IT
2	Tritium	2.9E-05±3.0E-06	µCi/mL	IT

WELL PSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 Time: 10:15
Depth to water: 50.46 ft (15.38 m) below TOC pH: 5.0
Water elevation: 273.74 ft (83.44 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 62 µS/cm Water temperature: 16.1°C
Water evacuated before sampling: 31 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	43	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	2.3	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	131	µg/L	IT
0	Chloride	2,970	µg/L	IT

ANALYTICAL RESULTS

WELL PSB 6A collected on 01/23/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	<2.5	µg/L	IT
0	Copper	178	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	77	µg/L	IT
0	Lead	18	µg/L	IT
0	Magnesium	182	µg/L	IT
0	Manganese	2.2	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,930	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	5,960	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	8,680	µg/L	IT
0	Sulfate	3,510	µg/L	IT
0	Total dissolved solids	45,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	19	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total activity	7.9E-02±1.4E-03	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	7.2E-02±8.0E-03	µCi/mL	IT

WELL PSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/23/91 Time: 12:50
Depth to water: 57.11 ft (17.41 m) below TOC pH: 6.1
Water elevation: 273.59 ft (83.39 m) msl Alkalinity ($CaCO_3$): 11 mg/L
Sp. conductance: 70 µS/cm Water temperature: 19.2°C
Water evacuated before sampling: 38 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	IT
0	Specific conductance	53	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	16	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5,040	µg/L	IT
0	Chloride	3,080	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	175	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	6.2	µg/L	IT
0	Lead	18	µg/L	IT
0	Magnesium	432	µg/L	IT
0	Manganese	4.4	µg/L	IT
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,560	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,600	µg/L	IT
0	Silver	<2.5	µg/L	IT
0	Sodium	5,340	µg/L	IT
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	47,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	19	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total activity	1.0E-02±7.4E-04	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	9.7E-03±1.0E-03	µCi/mL	IT

WELL PSS 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 Time: 10:40
Depth to water: 17.33 ft (5.28 m) below TOC pH: 5.5
Water elevation: 202.27 ft (61.65 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 14 µS/cm Water temperature: 19.1°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	9.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.6	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	580	µg/L	GE
0	Chloride	1,340	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	45	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	410	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	290	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	990	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	21,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.080	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.6E-08±3.0E-07	µCi/mL	GE

WELL PSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 Time: 10:10
Depth to water: 30.19 ft (9.20 m) below TOC pH: 5.1
Water elevation: 198.51 ft (60.51 m) msl Alkalinity ($CaCO_3$) 1 mg/L
Sp. conductance: 16 µS/cm Water temperature: 18.0°C
Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	pH	5.1	pH	IT
0	Specific conductance	11	µS/cm	GE
1	Specific conductance	340	µS/cm	IT
1	Specific conductance	344	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	9.5	µg/L	GE
0	Barium	6.2	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	8,600	µg/L	GE
0	Calcium	10,000	µg/L	GE
0	Calcium	589	µg/L	IT
0	Chloride	1,430	µg/L	GE
0	Chloride	1,390	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	14	µg/L	GE
0	Iron	17	µg/L	IT
0	Lead	6.0	µg/L	GE
0	Lead	<3.0	µg/L	IT

WELL PSS 2D collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Magnesium	410	µg/L	GE
0	Magnesium	422	µg/L	IT
0	Manganese	5.3	µg/L	GE
0	Manganese	4.2	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	630	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	5,600	µg/L	GE
0	Silica	4,830	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,000	µg/L	GE
0	Sodium	864	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	11,000	µg/L	GE
0	Total dissolved solids	21,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	25	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	5.5E-09±3.6E-09	µCi/mL	IT
0	Total radium	1.4E-09±2.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	1.9E-06±3.0E-07	µCi/mL	GE
0	Tritium	1.6E-06±2.0E-07	µCi/mL	IT

WELL PSS 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 10:10
Depth to water: 30.19 ft (9.20 m) below TOC — pH: 5.1
Water elevation: 198.51 ft (60.51 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 16 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	pH	5.1	pH	IT
0	Specific conductance	10	µS/cm	GE
0	Specific conductance	13	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	6.8	µg/L	GE
0	Barium	6.6	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	590	µg/L	GE
0	Calcium	591	µg/L	IT
0	Chloride	1,440	µg/L	GE
0	Chloride	1,380	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	4.7	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	14	µg/L	GE
0	Iron	9.8	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	IT
0	Magnesium	410	µg/L	GE
0	Magnesium	421	µg/L	IT
0	Manganese	5.5	µg/L	GE
0	Manganese	4.5	µg/L	IT
0	Mercury	<0.20	µg/L	GE

WELL PSS 2D collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	<4.0	µg/L	GE
0	Nickel	<2.5	µg/L	IT
0	Nitrate as nitrogen	610	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	IT
0	Nitrite as nitrogen	<10	µg/L	GE
0	Nitrite as nitrogen	<400	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	5,300	µg/L	GE
0	Silica	4,840	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,100	µg/L	GE
0	Sodium	858	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	11,000	µg/L	GE
0	Total dissolved solids	24,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
2	Total organic halogens	3,350	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	24	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	1.9E-09±2.7E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	2.1E-08±3.0E-07	µCi/mL	GE
0	Tritium	1.5E-06±2.0E-07	µCi/mL	IT

WELL PSS 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 9:30
Depth to water: 35.42 ft (10.80 m) below TOC — pH: 5.7
Water elevation: 198.58 ft (60.53 m) msl — Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 12 µS/cm — Water temperature: 16.3°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	7.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	290	µg/L	GE
0	Chloride	1,030	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	16	µg/L	GE
0	Lead	10	µg/L	GE
0	Magnesium	93	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	Nickel	<4.0	µg/L	GE
0	Nitrate as nitrogen	100	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	3,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	510	µg/L	GE
0	Sulfate	<1,000	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.6E-06±3.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL RAC 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91 — Time: 15:40
Depth to water: 7.55 ft (2.30 m) below TOC — pH: 4.9
Water elevation: 278.05 ft (84.14 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 88 µS/cm — Water temperature: 16.1°C
Water evacuated before sampling: 75 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	71	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	34	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,900	µg/L	GE
0	Chloride	2,020	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	40	µg/L	GE
0	Lead	4.8	µg/L	GE
0	Magnesium	1,900	µg/L	GE
1	Manganese	25	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	3,570	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	840	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	31,500	µg/L	GE
0	Total dissolved solids	82,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	2.5E-09±1.9E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09±3.5E-09	µCi/mL	GE
0	Total radium	1.9E-09±3.4E-09	µCi/mL	GE
0	Tritium	2.2E-06±3.0E-07	µCi/mL	GE

WELL RAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91 — Time: 15:05
Depth to water: 8.75 ft (2.06 m) below TOC — pH: 4.7
Water elevation: 273.85 ft (83.41 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 67 µS/cm — Water temperature: 15.2°C
Water evacuated before sampling: 79 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	62	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	37	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,900	µg/L	GE
0	Chloride	2,230	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	24	µg/L	GE
0	Lead	21	µg/L	GE
0	Magnesium	2,700	µg/L	GE
1	Manganese	37	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	3,130	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	530	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	15,700	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.5E-09±2.7E-09	µCi/mL	GE
1	Total radium	2.6E-09±2.9E-09	µCi/mL	GE

WELL RAC 2 collected on 03/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tritium	2.5E-06±3.0E-07	µCi/mL	GE

WELL RAC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91 — Time: 15:05
Depth to water: 8.75 ft (2.06 m) below TOC — pH: 4.7
Water elevation: 273.85 ft (83.41 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 67 µS/cm — Water temperature: 15.2°C
Water evacuated before sampling: 79 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	pH	5.0	pH	GE
0	Specific conductance	65	µS/cm	GE
0	Specific conductance	62	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	37	µg/L	GE
0	Barium	41	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,000	µg/L	GE
0	Calcium	3,300	µg/L	GE
0	Chloride	2,260	µg/L	GE
0	Chloride	2,270	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	31	µg/L	GE
0	Iron	29	µg/L	GE
0	Lead	20	µg/L	GE
0	Lead	18	µg/L	GE
0	Magnesium	2,700	µg/L	GE
0	Magnesium	3,000	µg/L	GE
1	Manganese	36	µg/L	GE
1	Manganese	41	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	3,000	µg/L	GE
0	Nitrate as nitrogen	3,090	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	510	µg/L	GE
0	Potassium	590	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,800	µg/L	GE
0	Silica	5,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	14,300	µg/L	GE
0	Sulfate	14,400	µg/L	GE
0	Total dissolved solids	71,000	µg/L	GE
0	Total dissolved solids	64,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	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	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	3.3E-09±3.8E-09	µCi/mL	GE
0	Total radium	1.2E-09±3.2E-09	µCi/mL	GE
0	Tritium	2.3E-06±3.0E-07	µCi/mL	GE
0	Tritium	2.3E-06±3.0E-07	µCi/mL	GE

WELL RAC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91
Depth to water: 5.71 ft (1.74 m) below TOC
Water elevation: 273.59 ft (83.39 m) msl
Sp. conductance: 39 µS/cm
Water evacuated before sampling: 82 gal
Time: 16:10
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 14.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	35	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	47	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	870	µg/L	GE
0	Chloride	3,560	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	200	µg/L	GE
0	Lead	16	µg/L	GE
0	Magnesium	1,200	µg/L	GE
1	Manganese	28	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	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	5,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,500	µg/L	GE
0	Sulfate	3,820	µg/L	GE
0	Total dissolved solids	61,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.7E-09±2.8E-09	µCi/mL	GE
0	Tritium	3.0E-06±3.0E-07	µCi/mL	GE

WELL RAC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91
Depth to water: 5.92 ft (1.80 m) below TOC
Water elevation: 273.08 ft (83.24 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 92 gal
Time: 14:40
pH: 5.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	37	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	950	µg/L	GE
0	Chloride	2,840	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	12	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,100	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,350	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	6,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,100	µg/L	GE
0	Sulfate	7,950	µg/L	GE
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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2	µCi/mL	GE
0	Nonvolatile beta	<2	µCi/mL	GE
0	Total radium	1.4E-09±2.7E-09	µCi/mL	GE

WELL RAC 4 collected on 03/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tritium	1.8E-06±3.0E-07	µCi/mL	GE

WELL RDB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91
Depth to water: 5.32 ft (1.62 m) below TOC
Water elevation: 287.08 ft (87.50 m) msl
Sp. conductance: 214 µS/cm
Water evacuated before sampling: 17 gal
The well went dry during purging.
Time: 14:20
pH: 6.5
Alkalinity ($CaCO_3$): 74 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	IT
0	Specific conductance	167	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	20	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
1	Calcium	16,100	µg/L	IT
0	Chloride	1,240	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	88	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	1,310	µg/L	IT
0	Manganese	9.9	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	180	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,660	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	5,910	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	22,600	µg/L	IT
0	Sulfate	23,700	µg/L	IT
0	Total dissolved solids	150,000	µg/L	IT
0	Total organic carbon	1,330	µg/L	IT
0	Total organic halogens	9.0	µg/L	IT
0	Total phosphates (as P)	64	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-08	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.1E-09±4.0E-10	µCi/mL	IT
0	Tritium	4.5E-06±5.0E-07	µCi/mL	IT

WELL RDB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91
Depth to water: 6.35 ft (1.94 m) below TOC
Water elevation: 288.25 ft (87.25 m) msl
Sp. conductance: 308 µS/cm
Water evacuated before sampling: 55 gal
Time: 13:15
pH: 6.3
Alkalinity ($CaCO_3$): 145 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	pH	6.6	pH	IT
0	Specific conductance	199	µS/cm	GE
0	Specific conductance	204	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	27	µg/L	GE
0	Barium	33	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
2	Calcium	31,000	µg/L	GE
2	Calcium	38,100	µg/L	IT
0	Chloride	1,670	µg/L	GE
0	Chloride	1,390	µg/L	IT
0	Chloride	1,430	µg/L	IT
0	Chromium	5.9	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	6,100	µg/L	GE
2	Iron	11,200	µg/L	IT
0	Lead	<3.0	µg/L	GE

ANALYTICAL RESULTS

WELL RDB 2D collected on 03/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lead	<2.0	µg/L	IT
0	Magnesium	2,400	µg/L	GE
0	Magnesium	2,710	µg/L	IT
2	Manganese	110	µg/L	GE
2	Manganese	187	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,400	µg/L	GE
0	Potassium	1,660	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	IT
0	Silica	3,000	µg/L	GE
0	Silica	3,240	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT
0	Sodium	7,000	µg/L	GE
0	Sodium	2,600	µg/L	IT
0	Sulfate	11,300	µg/L	GE
0	Sulfate	10,400	µg/L	IT
0	Sulfate	10,400	µg/L	IT
0	Total dissolved solids	116,000	µg/L	GE
0	Total dissolved solids	134,000	µg/L	IT
0	Total organic carbon	3,000	µg/L	GE
0	Total organic carbon	2,070	µg/L	IT
0	Total organic halogens	10	µg/L	GE
0	Total organic halogens	7.8	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	31	µg/L	IT
0	Total phosphates (as P)	28	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<4.0E-09	µCi/mL	IT
0	Nonvolatile beta	6.6E-09±3.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.6E-09±3.6E-09	µCi/mL	IT
0	Total radium	1.4E-09±2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	3.9E-05±1.0E-06	µCi/mL	GE
2	Tritium	3.4E-05±4.0E-06	µCi/mL	IT

WELL RDB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91
Depth to water: 6.35 ft (1.94 m) below TOC
Water elevation: 286.25 ft (87.25 m) msl
Sp. conductance: 308 µS/cm
Water evacuated before sampling: 55 gal

Time: 13:15
pH: 6.3
Alkalinity ($CaCO_3$): 145 mg/L
Water temperature: 19.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	pH	6.8	pH	IT
0	Specific conductance	198	µS/cm	GE
0	Specific conductance	199	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	23	µg/L	GE
0	Barium	34	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
1	Calcium	26,000	µg/L	GE
2	Calcium	38,800	µg/L	IT
0	Chloride	1,650	µg/L	GE
0	Chloride	1,400	µg/L	IT
0	Chromium	5.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
2	Iron	4,100	µg/L	GE
2	Iron	12,000	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	2,000	µg/L	GE
0	Magnesium	2,810	µg/L	IT
2	Manganese	77	µg/L	GE
2	Manganese	175	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT

WELL RDB 2D collected on 03/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,400	µg/L	GE
0	Potassium	1,630	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	IT
0	Silica	2,600	µg/L	GE
0	Silica	3,310	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT
0	Sodium	7,800	µg/L	GE
0	Sodium	2,260	µg/L	IT
0	Sulfate	11,300	µg/L	GE
0	Sulfate	10,300	µg/L	IT
0	Total dissolved solids	104,000	µg/L	GE
0	Total dissolved solids	127,000	µg/L	IT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	1,950	µg/L	IT
0	Total organic halogens	28	µg/L	GE
0	Total organic halogens	13	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	52	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	4.4E-09±2.7E-09	µCi/mL	GE
0	Nonvolatile beta	7.5E-09±3.5E-09	µCi/mL	IT
0	Total radium	1.3E-09±2.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
2	Tritium	3.9E-05±1.0E-06	µCi/mL	GE
2	Tritium	2.9E-05±3.0E-06	µCi/mL	IT

WELL RDB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91
Depth to water: 7.93 ft (2.42 m) below TOC
Water elevation: 284.77 ft (86.80 m) msl
Sp. conductance: 177 µS/cm
Water evacuated before sampling: 51 gal

Time: 14:05
pH: 6.0
Alkalinity ($CaCO_3$): 45 mg/L
Water temperature: 17.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	IT
0	Specific conductance	147	µS/cm	IT
0	Specific conductance	147	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	23	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	13,100	µg/L	IT
0	Chloride	1,190	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	818	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	1,200	µg/L	IT
2	Manganese	85	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	420	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,700	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	3,540	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	15,200	µg/L	IT
0	Sulfate	22,600	µg/L	IT
0	Total dissolved solids	88,000	µg/L	IT
0	Total organic carbon	1,230	µg/L	IT
0	Total organic halogens	8.2	µg/L	IT
0	Total phosphates (as P)	17	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.1E-09±4.0E-10	µCi/mL	IT
0	Tritium	6.7E-06±7.0E-07	µCi/mL	IT

WELL RRP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 14:15
Depth to water: 18.34 ft (5.59 m) below TOC — pH: 5.0
Water elevation: 268.06 ft (81.10 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 22 µS/cm — Water temperature: 18.2°C
Water evacuated before sampling: 62 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	16	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	390	µg/L	GE
0	Chloride	1,980	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	370	µg/L	GE
0	Lead	16	µg/L	GE
0	Magnesium	810	µg/L	GE
0	Manganese	3.8	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,060	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
2	Silica	42,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	890	µg/L	GE
0	Sulfate	1,300	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	905	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.5E-06±3.0E-07	µCi/mL	GE

WELL RRP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 15:40
Depth to water: 19.46 ft (5.93 m) below TOC — pH: 4.6
Water elevation: 265.04 ft (80.79 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 38 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	28	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	32	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	790	µg/L	GE
0	Chloride	2,280	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	88	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	920	µg/L	GE
0	Manganese	6.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	2,170	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	4,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	740	µg/L	GE
0	Sulfate	7,490	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.7E-09±1.9E-09	µCi/mL	GE
0	Total radium	1.7E-09±3.1E-09	µCi/mL	GE

WELL RRP 2 collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tritium	2.7E-06±3.0E-07	µCi/mL	GE

WELL RRP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 14:50
Depth to water: 15.13 ft (4.61 m) below TOC — pH: 5.1
Water elevation: 264.97 ft (80.76 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 14 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 58 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	8.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	530	µg/L	GE
0	Chloride	900	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	53	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	140	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	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	4,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	670	µg/L	GE
0	Sulfate	2,620	µg/L	GE
0	Total dissolved solids	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	33	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.2E-06±2.0E-07	µCi/mL	GE

WELL RRP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/25/91 — Time: 15:15
Depth to water: 15.59 ft (4.75 m) below TOC — pH: 5.8
Water elevation: 264.61 ft (80.65 m) msl — Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 16.8°C
Water evacuated before sampling: 69 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	150	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	330	µg/L	GE
0	Chloride	2,180	µg/L	GE
0	Chromium	23	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	6,200	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	330	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	<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	4,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,200	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	11,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	760	µg/L	GE

ANALYTICAL RESULTS

WELL RRP 4 collected on 01/25/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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 RSA 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 13:05
Depth to water: 13.50 ft (4.11 m) below TOC pH: 6.3
Water elevation: 298.90 ft (91.11 m) msl
Sp. conductance: 27 µS/cm Water temperature: 18.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	8.4E-10±8.8E-10	µCi/mL	EM
0	Nonvolatile beta	4.8E-09±2.1E-09	µCi/mL	GE
0	Nonvolatile beta	3.3E-09±1.1E-09	µCi/mL	EM
0	Tritium	3.3E-08±3.0E-07	µCi/mL	GE
0	Tritium	2.7E-06±7.0E-07	µCi/mL	EM

WELL RSA 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 13:05
Depth to water: 13.50 ft (4.11 m) below TOC pH: 6.3
Water elevation: 298.90 ft (91.11 m) msl
Sp. conductance: 27 µS/cm Water temperature: 18.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	9.2E-11±4.0E-10	µCi/mL	EM
0	Nonvolatile beta	4.4E-09±2.1E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09±1.1E-09	µCi/mL	EM
0	Tritium	3.4E-06±3.0E-07	µCi/mL	GE
0	Tritium	2.3E-06±7.7E-07	µCi/mL	EM

WELL RSA 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 11:00
Depth to water: 18.00 ft (5.49 m) below TOC pH: 6.1
Water elevation: 294.30 ft (89.70 m) msl
Sp. conductance: 34 µS/cm Water temperature: 20.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	4.8E-10±7.2E-10	µCi/mL	EM
0	Nonvolatile beta	2.3E-09±1.0E-09	µCi/mL	EM
0	Tritium	2.3E-06±6.8E-07	µCi/mL	EM

WELL RSA 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 11:10
Depth to water: 17.50 ft (5.33 m) below TOC pH: 5.9
Water elevation: 294.20 ft (89.67 m) msl
Sp. conductance: 29 µS/cm Water temperature: 18.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	4.9E-10±7.2E-10	µCi/mL	EM
0	Nonvolatile beta	1.8E-09±9.4E-10	µCi/mL	EM
0	Tritium	2.2E-06±6.8E-07	µCi/mL	EM

WELL RSA 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 13:30
Depth to water: 25.40 ft (7.74 m) below TOC pH: 5.9
Water elevation: 285.90 ft (87.14 m) msl
Sp. conductance: 34 µS/cm Water temperature: 20.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	12	µg/L	GE
2	Cadmium	11	µg/L	GE
0	Chromium	7.1	µg/L	GE
0	Chromium	7.8	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Lead	11	µg/L	GE
0	Nitrate as nitrogen	2,070	µg/L	GE
0	Nitrate as nitrogen	2,040	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	23	µg/L	GE
0	Total organic halogens	23	µg/L	GE
0	Gross alpha	8.7E-10±8.9E-10	µCi/mL	EM
0	Nonvolatile beta	2.0E-09±9.7E-10	µCi/mL	EM
2	Total radium	5.2E-09±4.4E-09	µCi/mL	GE
1	Total radium	3.6E-09±4.5E-09	µCi/mL	GE
0	Tritium	3.2E-06±7.2E-07	µCi/mL	EM

WELL RSB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:00
Depth to water: 19.50 ft (5.94 m) below TOC pH: 6.2
Water elevation: 289.50 ft (88.24 m) msl
Sp. conductance: 25 µS/cm Water temperature: 19.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	50	µg/L	GE
0	Chromium	7.8	µg/L	GE
0	Lead	6.0	µg/L	GE
0	Nitrate as nitrogen	1,120	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Gross alpha	8.4E-10±8.8E-10	µCi/mL	EM
0	Nonvolatile beta	6.0E-10±7.7E-10	µCi/mL	EM
0	Tritium	3.1E-06±7.1E-07	µCi/mL	EM

WELL RSB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:40
Depth to water: 11.50 ft (3.51 m) below TOC pH: 6.0
Water elevation: 294.30 ft (89.70 m) msl
Sp. conductance: 24 µS/cm Water temperature: 18.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.3E-10±5.9E-10	µCi/mL	EM
0	Nonvolatile beta	2.6E-09±1.0E-09	µCi/mL	EM
0	Tritium	2.2E-06±6.8E-07	µCi/mL	EM

WELL RSB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 13:45
Depth to water: 11.50 ft (3.51 m) below TOC pH: 6.3
Water elevation: 294.10 ft (89.64 m) msl
Sp. conductance: 102 µS/cm Water temperature: 17.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	-1.4E-11±4.7E-10	µCi/mL	EM
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.7E-09±1.1E-09	µCi/mL	EM
0	Tritium	3.4E-06±3.0E-07	µCi/mL	GE
0	Tritium	3.5E-06±7.2E-07	µCi/mL	EM

WELL RSB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 13:45
Depth to water: 11.50 ft (3.51 m) below TOC pH: 6.3
Water elevation: 294.10 ft (89.64 m) msl
Sp. conductance: 102 µS/cm Water temperature: 17.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	1.1E-10±4.3E-10	µCi/mL	EM
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-09±8.8E-10	µCi/mL	EM
0	Tritium	4.0E-06±3.0E-07	µCi/mL	GE
0	Tritium	3.4E-06±8.0E-07	µCi/mL	EM

WELL RSC 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 12:50
Depth to water: 22.30 ft (6.80 m) below TOC pH: 6.7
Water elevation: 279.70 ft (85.25 m) msl
Sp. conductance: 70 µS/cm Water temperature: 20.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	7.5E-10±8.7E-10	µCi/mL	EM
0	Nonvolatile beta	4.0E-09±1.2E-09	µCi/mL	EM
0	Tritium	3.2E-06±7.2E-07	µCi/mL	EM

WELL RSC 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:30
Depth to water: 22.10 ft (6.74 m) below TOC pH: 6.0
Water elevation: 279.20 ft (85.10 m) msl
Sp. conductance: 59 µS/cm Water temperature: 20.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	8.2E-10±8.0E-10	µCi/mL	EM
0	Nonvolatile beta	3.3E-09±1.1E-09	µCi/mL	EM
0	Tritium	1.3E-06±6.5E-07	µCi/mL	EM

WELL RSC 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 13:40
Depth to water: 10.00 ft (3.05 m) below TOC pH: 5.8
Water elevation: 290.30 ft (88.48 m) msl
Sp. conductance: 47 µS/cm Water temperature: 17.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	5.0E-10±7.4E-10	µCi/mL	EM
0	Nonvolatile beta	2.0E-09±9.7E-10	µCi/mL	EM
0	Tritium	2.4E-06±8.9E-07	µCi/mL	EM

WELL RSC 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 13:30
Depth to water: 23.00 ft (7.01 m) below TOC pH: 5.7
Water elevation: 281.90 ft (85.92 m) msl
Sp. conductance: 129 µS/cm Water temperature: 18.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	-1.5E-11±4.8E-10	µCi/mL	EM
0	Nonvolatile beta	2.7E-09±1.1E-09	µCi/mL	EM
0	Tritium	1.6E-06±6.6E-07	µCi/mL	EM

WELL RSC 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:40
Depth to water: 9.00 ft (2.74 m) below TOC pH: 6.0
Water elevation: 295.10 ft (89.95 m) msl
Sp. conductance: 51 µS/cm Water temperature: 17.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	4.9E-10±7.3E-10	µCi/mL	EM
0	Nonvolatile beta	2.5E-09±1.0E-09	µCi/mL	EM
0	Tritium	1.5E-06±6.5E-07	µCi/mL	EM

WELL RSC 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:50
Depth to water: 17.00 ft (5.18 m) below TOC pH: 6.3
Water elevation: 290.80 ft (88.64 m) msl
Sp. conductance: 81 µS/cm Water temperature: 18.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	1.2E-09±1.0E-09	µCi/mL	EM
0	Nonvolatile beta	4.7E-09±1.3E-09	µCi/mL	EM
0	Tritium	1.8E-06±6.6E-07	µCi/mL	EM

WELL RSC 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:55
Depth to water: 7.00 ft (2.13 m) below TOC pH: 6.3
Water elevation: 301.80 ft (91.99 m) msl
Sp. conductance: 52 µS/cm Water temperature: 18.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.3E-10±6.0E-10	µCi/mL	EM
0	Nonvolatile beta	3.9E-09±1.2E-09	µCi/mL	EM
0	Tritium	1.7E-06±6.6E-07	µCi/mL	EM

WELL RSC 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 13:00
Depth to water: 38.20 ft (11.64 m) below TOC pH: 6.3
Water elevation: 263.60 ft (80.35 m) msl
Sp. conductance: 83 µS/cm Water temperature: 19.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.8E-10±7.1E-10	µCi/mL	EM
0	Nonvolatile beta	3.8E-09±1.2E-09	µCi/mL	EM
0	Tritium	3.1E-06±7.1E-07	µCi/mL	EM

WELL RSC 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 13:20
Depth to water: 21.50 ft (6.55 m) below TOC pH: 5.9
Water elevation: 275.90 ft (84.10 m) msl
Sp. conductance: 48 µS/cm Water temperature: 19.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	6.1E-10±8.0E-10	µCi/mL	EM
0	Nonvolatile beta	4.1E-09±1.2E-09	µCi/mL	EM
0	Tritium	2.6E-06±6.9E-07	µCi/mL	EM

ANALYTICAL RESULTS

WELL RSD 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 — Time: 14:15
Depth to water: 11.50 ft (3.51 m) below TOC — pH: 6.2
Water elevation: 289.00 ft (88.09 m) msl
Sp. conductance: 54 µS/cm — Water temperature: 17.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	27	µg/L	GE
0	Chromium	4.6	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Nitrate as nitrogen	210	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Gross alpha	-9.0E-11±5.3E-10	µCi/mL	EM
1	Nonvolatile beta	3.4E-08±4.2E-09	µCi/mL	EM
0	Total radium	1.8E-09±3.9E-09	µCi/mL	GE
0	Tritium	1.7E-06±6.8E-07	µCi/mL	EM

WELL RSD 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 — Time: 9:10
Depth to water: 11.50 ft (3.51 m) below TOC — pH: 6.6
Water elevation: 289.70 ft (88.30 m) msl
Sp. conductance: 62 µS/cm — Water temperature: 17.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	-5.2E-10±1.0E-09	µCi/mL	EM
2	Nonvolatile beta	2.9E-07±2.8E-08	µCi/mL	EM
0	Tritium	2.1E-06±6.8E-07	µCi/mL	EM

WELL RSD 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 — Time: 9:15
Depth to water: 13.80 ft (4.21 m) below TOC — pH: 5.3
Water elevation: 289.80 ft (88.33 m) msl
Sp. conductance: 46 µS/cm — Water temperature: 17.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Tritium	2.2E-06±6.8E-07	µCi/mL	EM

WELL RSD 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 — Time: 9:20
Depth to water: 11.80 ft (3.60 m) below TOC — pH: 5.5
Water elevation: 289.90 ft (88.36 m) msl
Sp. conductance: 63 µS/cm — Water temperature: 18.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	-8.2E-09±1.8E-09	µCi/mL	EM
2	Nonvolatile beta	2.9E-06±2.1E-07	µCi/mL	EM
0	Tritium	3.2E-06±7.2E-07	µCi/mL	EM

WELL RSD 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 — Time: 9:25
Depth to water: 9.80 ft (2.99 m) below TOC — pH: 6.3
Water elevation: 291.00 ft (88.70 m) msl
Sp. conductance: 82 µS/cm — Water temperature: 16.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	5.9E-11±5.9E-10	µCi/mL	EM
0	Nonvolatile beta	1.2E-08±2.1E-09	µCi/mL	EM
0	Tritium	3.4E-06±7.2E-07	µCi/mL	EM

WELL RSD 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 — Time: 15:05
Depth to water: 10.30 ft (3.14 m) below TOC — pH: 5.2
Water elevation: 291.30 ft (89.79 m) msl
Sp. conductance: 27 µS/cm — Water temperature: 18.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.1E-11±9.2E-10	µCi/mL	EM
2	Nonvolatile beta	1.5E-07±1.5E-08	µCi/mL	EM
0	Tritium	2.1E-06±6.7E-07	µCi/mL	EM

WELL RSD 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 — Time: 15:10
Depth to water: 11.00 ft (3.35 m) below TOC — pH: 5.1
Water elevation: 290.70 ft (88.61 m) msl
Sp. conductance: 32 µS/cm — Water temperature: 18.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	-7.5E-10±1.3E-09	µCi/mL	EM
2	Nonvolatile beta	4.6E-07±4.4E-08	µCi/mL	EM
0	Tritium	2.1E-06±6.8E-07	µCi/mL	EM

WELL RSD 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 — Time: 15:15
Depth to water: 12.20 ft (3.72 m) below TOC — pH: 5.4
Water elevation: 289.90 ft (88.36 m) msl
Sp. conductance: 38 µS/cm — Water temperature: 18.1°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	-1.1E-09±6.8E-10	µCi/mL	EM
2	Nonvolatile beta	2.2E-07±2.2E-08	µCi/mL	EM
0	Tritium	1.8E-06±6.7E-07	µCi/mL	EM

WELL RSD 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 — Time: 15:25
Depth to water: 5.60 ft (1.71 m) below TOC — pH: 5.2
Water elevation: 287.80 ft (87.72 m) msl
Sp. conductance: 22 µS/cm — Water temperature: 17.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	-4.8E-10±7.2E-10	µCi/mL	EM
2	Nonvolatile beta	1.5E-07±1.5E-08	µCi/mL	EM
0	Tritium	2.0E-06±6.9E-07	µCi/mL	EM

WELL RSD 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 — Time: 15:20
Depth to water: 4.70 ft (1.43 m) below TOC — pH: 5.3
Water elevation: 288.30 ft (87.87 m) msl
Sp. conductance: 30 µS/cm — Water temperature: 17.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	-2.4E-09±1.6E-09	µCi/mL	EM
2	Nonvolatile beta	1.2E-06±9.0E-08	µCi/mL	EM
0	Tritium	2.9E-06±7.2E-07	µCi/mL	EM

WELL RSD 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 10:25
Depth to water: 7.00 ft (2.13 m) below TOC pH: 5.9
Water elevation: 285.60 ft (87.05 m) msl
Sp. conductance: 39 µS/cm Water temperature: 16.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	1.8E-10±8.0E-10	µCi/mL	EM
0	Nonvolatile beta	1.1E-08±2.0E-09	µCi/mL	EM
0	Tritium	1.8E-06±6.7E-07	µCi/mL	EM

WELL RSD 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 10:20
Depth to water: 7.00 ft (2.13 m) below TOC pH: 5.8
Water elevation: 285.50 ft (87.02 m) msl
Sp. conductance: 28 µS/cm Water temperature: 17.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.0E-10±7.1E-10	µCi/mL	EM
1	Nonvolatile beta	4.6E-08±5.4E-09	µCi/mL	EM
0	Tritium	2.4E-06±7.0E-07	µCi/mL	EM

WELL RSD 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 10:15
Depth to water: 6.80 ft (2.07 m) below TOC pH: 5.7
Water elevation: 285.50 ft (87.02 m) msl
Sp. conductance: 71 µS/cm Water temperature: 18.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	9.6E-10±1.0E-09	µCi/mL	EM
1	Nonvolatile beta	3.0E-08±3.8E-09	µCi/mL	EM
0	Tritium	3.1E-06±7.1E-07	µCi/mL	EM

WELL RSE 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:45
Depth to water: 10.00 ft (3.05 m) below TOC pH: 5.8
Water elevation: 294.20 ft (89.67 m) msl
Sp. conductance: 54 µS/cm Water temperature: 19.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	-7.9E-11±4.4E-10	µCi/mL	EM
0	Nonvolatile beta	1.2E-08±2.1E-09	µCi/mL	EM
0	Tritium	2.1E-06±6.9E-07	µCi/mL	EM

WELL RSE 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:50
Depth to water: 9.00 ft (2.74 m) below TOC pH: 5.3
Water elevation: 294.30 ft (89.70 m) msl
Sp. conductance: 35 µS/cm Water temperature: 18.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	-5.0E-11±4.2E-10	µCi/mL	EM
0	Nonvolatile beta	8.3E-09±1.7E-09	µCi/mL	EM
0	Tritium	2.1E-06±6.9E-07	µCi/mL	EM

WELL RSE 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:55
Depth to water: 8.60 ft (2.62 m) below TOC pH: 5.9
Water elevation: 294.70 ft (89.83 m) msl
Sp. conductance: 42 µS/cm Water temperature: 17.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.6E-10±6.6E-10	µCi/mL	EM
0	Nonvolatile beta	2.7E-09±1.0E-09	µCi/mL	EM
0	Tritium	1.9E-06±6.7E-07	µCi/mL	EM

WELL RSE 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:30
Depth to water: 10.00 ft (3.05 m) below TOC pH: 5.5
Water elevation: 292.50 ft (89.16 m) msl
Sp. conductance: 43 µS/cm Water temperature: 18.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.9E-10±6.5E-10	µCi/mL	EM
0	Nonvolatile beta	1.3E-08±2.2E-09	µCi/mL	EM
0	Tritium	2.1E-06±6.8E-07	µCi/mL	EM

WELL RSE 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:00
Depth to water: 12.80 ft (3.90 m) below TOC pH: 5.5
Water elevation: 288.20 ft (87.84 m) msl
Sp. conductance: 72 µS/cm Water temperature: 17.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	-1.4E-10±4.5E-10	µCi/mL	EM
0	Nonvolatile beta	2.2E-08±3.1E-09	µCi/mL	EM
0	Tritium	2.7E-06±7.0E-07	µCi/mL	EM

WELL RSE 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:45
Depth to water: 14.70 ft (4.48 m) below TOC pH: 5.2
Water elevation: 289.90 ft (88.36 m) msl
Sp. conductance: 46 µS/cm Water temperature: 20.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.6E-10±2.1E-09	µCi/mL	EM
2	Nonvolatile beta	6.7E-07±8.2E-08	µCi/mL	EM
0	Tritium	3.2E-06±7.2E-07	µCi/mL	EM

WELL RSE 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:50
Depth to water: 12.50 ft (3.81 m) below TOC pH: 5.1
Water elevation: 293.40 ft (89.43 m) msl
Sp. conductance: 22 µS/cm Water temperature: 19.3°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	-2.0E-12±1.0E-12	µCi/mL	EM
0	Nonvolatile beta	9.5E-10±7.0E-11	µCi/mL	EM
0	Tritium	2.7E-06±7.0E-07	µCi/mL	EM

ANALYTICAL RESULTS

WELL RSE 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:55
Depth to water: 14.90 ft (4.54 m) below TOC pH: 5.1
Water elevation: 289.80 ft (88.33 m) msl
Sp. conductance: 38 µS/cm Water temperature: 20.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	1.9E-10±1.8E-09	µCi/mL	EM
2	Nonvolatile beta	6.4E-07±6.1E-08	µCi/mL	EM
0	Tritium	2.4E-06±7.0E-07	µCi/mL	EM

WELL RSE 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:40
Depth to water: 16.80 ft (5.12 m) below TOC pH: 5.6
Water elevation: 289.20 ft (88.15 m) msl
Sp. conductance: 42 µS/cm Water temperature: 19.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	-1.0E-10±5.2E-10	µCi/mL	EM
1	Nonvolatile beta	3.6E-08±4.4E-09	µCi/mL	EM
0	Tritium	7.8E-06±8.7E-07	µCi/mL	EM

WELL RSE 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:35
The well was dry.

WELL RSE 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:35
Depth to water: 19.80 ft (6.04 m) below TOC pH: 6.1
Water elevation: 282.60 ft (86.14 m) msl
Sp. conductance: 55 µS/cm Water temperature: 21.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total organic carbon	2,000	µg/L	GE
0	Gross alpha	2.3E-10±6.1E-10	µCi/mL	EM
0	Nonvolatile beta	4.5E-09±1.3E-09	µCi/mL	EM
0	Tritium	3.0E-06±7.1E-07	µCi/mL	EM

WELL RSE 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:20
Depth to water: 13.50 ft (4.11 m) below TOC pH: 5.4
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
0	Gross alpha	3.6E-10±6.8E-10	µCi/mL	EM
0	Nonvolatile beta	4.2E-09±1.2E-09	µCi/mL	EM
0	Tritium	3.1E-06±7.2E-07	µCi/mL	EM

WELL RSE 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:45
Depth to water: 25.40 ft (7.74 m) below TOC pH: 4.4
Water elevation: 280.60 ft (85.53 m) msl
Sp. conductance: 120 µS/cm Water temperature: 23.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	15	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Nitrate as nitrogen	1,990	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Gross alpha	9.8E-10±9.5E-10	µCi/mL	EM
0	Nonvolatile beta	4.5E-09±1.3E-09	µCi/mL	EM
0	Total radium	1.5E-09±2.7E-09	µCi/mL	GE
0	Tritium	3.8E-06±7.6E-07	µCi/mL	EM

WELL RSE 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:25
Depth to water: 23.80 ft (7.25 m) below TOC pH: 5.8
Water elevation: 280.90 ft (85.62 m) msl
Sp. conductance: 38 µS/cm Water temperature: 22.8°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	Cadmium	21	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Nitrate as nitrogen	1,260	µg/L	GE
0	Total organic carbon	1,000	µg/L	GE
0	Total organic halogens	38	µg/L	GE
0	Gross alpha	1.3E-09±1.1E-09	µCi/mL	EM
0	Nonvolatile beta	7.8E-09±1.6E-09	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	4.1E-04±4.6E-06	µCi/mL	EM

WELL RSE 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:10
Depth to water: 14.20 ft (4.33 m) below TOC pH: 5.3
Water elevation: 289.60 ft (88.27 m) msl
Sp. conductance: 81 µS/cm Water temperature: 18.6°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	-4.6E-10±2.0E-09	µCi/mL	EM
2	Nonvolatile beta	8.2E-07±7.8E-08	µCi/mL	EM
0	Tritium	2.5E-06±7.0E-07	µCi/mL	EM

WELL RSE 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date 03/21/91 Time Not available
The well was dry

WELL RSE 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 15:00
Depth to water: 8.50 ft (2.59 m) below TOC pH: 5.2
Water elevation: 292.70 ft (89.22 m) msl
Sp conductance: 25 µS/cm Water temperature: 17.6°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	6.5E-10±1.4E-09	µCi/mL	EM
2	Nonvolatile beta	3.2E-07±3.1E-08	µCi/mL	EM
0	Tritium	2.5E-06±6.9E-07	µCi/mL	EM

WELL RSE 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:00
Depth to water: 25.40 ft (7.74 m) below TOC pH: 8.4
Water elevation: 281.70 ft (85.86 m) msl
Sp. conductance: 103 µS/cm Water temperature: 20.5°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	1.7E-10±6.4E-10	µCi/mL	EM
0	Nonvolatile beta	1.4E-08±2.3E-09	µCi/mL	EM
0	Tritium	8.5E-07±8.3E-07	µCi/mL	EM

WELL RSE 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:05
Depth to water: 18.50 ft (5.64 m) below TOC pH: 5.5
Water elevation: 286.30 ft (87.27 m) msl
Sp. conductance: 63 µS/cm Water temperature: 20.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	1.8E-09±1.6E-09	µCi/mL	EM
2	Nonvolatile beta	2.2E-07±2.2E-08	µCi/mL	EM
0	Tritium	4.0E-08±7.5E-07	µCi/mL	EM

WELL RSE 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91 Time: 12:25
Depth to water: 13.04 ft (3.97 m) below TOC pH: 5.2
Water elevation: 281.08 ft (85.67 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 40 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 114 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.4	pH	IT
0	Specific conductance	31	µS/cm	GE
0	Specific conductance	35	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.0	µg/L	GE
0	Barium	5.1	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,400	µg/L	GE
0	Calcium	1,470	µg/L	IT
0	Chloride	1,530	µg/L	GE
0	Chloride	1,390	µg/L	IT
0	Chromium	4.4	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	34	µg/L	GE
0	Iron	17	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	2.1	µg/L	IT
0	Magnesium	410	µg/L	GE
0	Magnesium	424	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	IT
0	Mercury	0.28	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,590	µg/L	GE
0	Nitrate as nitrogen	2,590	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	5,600	µg/L	GE
0	Silica	6,400	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT

WELL RSE 24 collected on 03/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	4,400	µg/L	GE
0	Sodium	4,490	µg/L	IT
0	Sulfate	1,160	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	Total dissolved solids	17,000	µg/L	GE
0	Total dissolved solids	24,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	6.4	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	17	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total radium	1.1E-09±2.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Total radium	1.2E-09±4.0E-10	µCi/mL	IT
0	Tritium	4.6E-08±4.0E-07	µCi/mL	GE
0	Tritium	2.4E-08±3.0E-07	µCi/mL	IT

WELL RSE 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91 Time: 12:25
Depth to water: 13.04 ft (3.97 m) below TOC pH: 5.2
Water elevation: 281.08 ft (85.67 m) msl Alkalinity ($CaCO_3$) 1 mg/L
Sp. conductance: 40 µS/cm Water temperature: 19.8°C
Water evacuated before sampling: 114 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.4	pH	IT
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	33	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.2	µg/L	GE
0	Barium	4.5	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	0.020	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,400	µg/L	GE
0	Calcium	1,320	µg/L	IT
0	Chloride	1,450	µg/L	GE
0	Chloride	1,480	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	0.050	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	44	µg/L	GE
0	Iron	12	µg/L	IT
0	Lead	3.0	µg/L	GE
0	Lead	2.7	µg/L	IT
0	Magnesium	420	µg/L	GE
0	Magnesium	378	µg/L	IT
0	Manganese	<2.0	µg/L	GE
0	Manganese	<1.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,620	µg/L	GE
0	Nitrate as nitrogen	2,620	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	5,900	µg/L	GE
0	Silica	5,680	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT
0	Sodium	4,400	µg/L	GE
0	Sodium	3,980	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	1,020	µg/L	IT
0	Total dissolved solids	35,000	µg/L	GE
0	Total dissolved solids	28,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	11	µg/L	IT

ANALYTICAL RESULTS

WELL RSE 24 collected on 03/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	21	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Gross alpha	<1.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	3.9E-06±3.0E-07	µCi/mL	GE
0	Tritium	2.7E-06±3.0E-07	µCi/mL	IT
0	Tritium	2.8E-06±3.0E-07	µCi/mL	IT

WELL RSE 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91
Depth to water: 17.15 ft (5.23 m) below TOC
Water elevation: 276.75 ft (84.35 m) msl
Sp. conductance: 78 µS/cm
Water evacuated before sampling: 103 gal
Time: 11:40
pH: 5.3
Alkalinity ($CaCO_3$): 8 mg/L
Water temperature: 20.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	Specific conductance	88	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	28	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,450	µg/L	IT
0	Chloride	3,950	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	16	µg/L	IT
0	Lead	3.7	µg/L	IT
0	Magnesium	989	µg/L	IT
0	Manganese	4.7	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	3,690	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<3.0	µg/L	IT
0	Silica	7,740	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	7,900	µg/L	IT
0	Sulfate	1,260	µg/L	IT
0	Total dissolved solids	47,000	µg/L	IT
0	Total organic carbon	3,160	µg/L	IT
0	Total organic halogens	11	µg/L	IT
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	2.2E-06±3.0E-07	µCi/mL	IT

WELL RSF 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/22/91
Depth to water: 23.11 ft (7.04 m) below TOC
Water elevation: 279.98 ft (85.34 m) msl
Sp. conductance: 76 µS/cm
Water evacuated before sampling: 134 gal
Time: 11:30
pH: 8.7
Alkalinity ($CaCO_3$): 25 mg/L
Water temperature: 21.3°C

WELL RSF 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/22/91
Depth to water: 23.09 ft (7.04 m) below TOC
Water elevation: 279.71 ft (85.26 m) msl
Sp. conductance: 48 µS/cm
Water evacuated before sampling: 144 gal
Time: 10:55
pH: 5.1
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 19.9°C

WELL RSF 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/22/91
Depth to water: 24.31 ft (7.41 m) below TOC
Water elevation: 282.79 ft (86.20 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 139 gal
Time: 10:30
pH: 5.9
Alkalinity ($CaCO_3$): 9 mg/L
Water temperature: 21.7°C

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91
Depth to water: 176.44 ft (53.78 m) below TOC
Water elevation: 188.26 ft (57.38 m) msl
Sp. conductance: 135 µS/cm
The well was continuously pumping.
Time: 12:55
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	18,000	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	40,500	µg/L	MA

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/20/91
Depth to water: 176.43 ft (53.78 m) below TOC
Water elevation: 188.27 ft (57.39 m) msl
Sp. conductance: 134 µS/cm
The well was continuously pumping.
Time: 17:10
pH: 4.4
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	Specific conductance	121	µS/cm	GE
1	Aluminum	220	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	83	µg/L	GE
1	Benzene	3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	8,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,310	µg/L	GE
0	Chlorobenzene	3.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	2.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	47	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Magnesium	4,200	µg/L	GE
1	Manganese	35	µg/L	GE
0	Mercury	0.33	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	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	6,600	µg/L	GE
0	Sulfate	4,830	µg/L	GE
0	1,1,2,2-Tetrachloroethane	9.0	µg/L	GE
2	Tetrachloroethylene	8,600	µg/L	GE

WELL RWM 1 collected on 01/20/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Toluene	2.0	µg/L	GE
0	Total dissolved solids	102,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	48,400	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	1,1,2-Trichloroethane	19	µg/L	GE
2	Trichloroethylene	19,000	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Zinc	9.0	µg/L	GE
0	Gross alpha	7.1E-09±2.8E-09	µCi/mL	GE
0	Nonvolatile beta	9.0E-09±3.4E-09	µCi/mL	GE
2	Total radium	6.2E-09±3.6E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE
0	Uranium	<1.0E-08	µCi/mL	GE

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 12:30
Depth to water: 177.03 ft (53.96 m) below TOC pH: 4.4
Water elevation: 187.67 ft (57.20 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 135 µS/cm Water temperature: 18.3°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	19,700	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	44,600	µg/L	MA

WELL RWM 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 15:25
Depth to water: 176.73 ft (53.87 m) below TOC pH: 4.4
Water elevation: 187.97 ft (57.29 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 132 µS/cm Water temperature: 18.5°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
2	Tetrachloroethylene	17,400	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	39,200	µg/L	MA

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91 Time: 14:10
Depth to water: 207.82 ft (63.34 m) below TOC pH: 4.9
Water elevation: 163.48 ft (49.83 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 67 µS/cm Water temperature: 17.8°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	9,950	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	29,400	µg/L	MA

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 13:30
Depth to water: 207.42 ft (63.22 m) below TOC pH: 4.8
Water elevation: 163.88 ft (49.95 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 69 µS/cm Water temperature: 19.0°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	5,940	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	18,300	µg/L	MA

WELL RWM 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 16:00
Depth to water: 207.32 ft (63.19 m) below TOC pH: 4.7
Water elevation: 163.98 ft (49.98 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 67 µS/cm Water temperature: 19.2°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
2	Tetrachloroethylene	7,450	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	23,800	µg/L	MA

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91 Time: 14:00
Depth to water: 164.15 ft (50.03 m) below TOC pH: 4.3
Water elevation: 212.85 ft (64.88 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 68 µS/cm Water temperature: 17.8°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
0	Tetrachloroethylene	<5,000	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	19,900	µg/L	MA

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 13:20
Depth to water: 165.37 ft (50.41 m) below TOC pH: 4.4
Water elevation: 211.63 ft (64.51 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 69 µS/cm Water temperature: 19.0°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
0	1,1-Dichloroethylene	<500	µg/L	MA
2	Tetrachloroethylene	4,080	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	18,500	µg/L	MA

ANALYTICAL RESULTS

WELL RWM 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 — Time: 15:55
Depth to water: 171.04 ft (52.13 m) below TOC — pH: 4.4
Water elevation: 205.86 ft (62.78 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 66 µS/cm — Water temperature: 19.2°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<500	µg/L	MA
0	trans-1,2-Dichloroethene	<500	µg/L	MA
2	Tetrachloroethylene	3,430	µg/L	MA
0	1,1,1-Trichloroethane	<500	µg/L	MA
2	Trichloroethylene	16,800	µg/L	MA

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91 — Time: 12:45
Depth to water: 158.13 ft (48.20 m) below TOC — pH: 5.1
Water elevation: 208.37 ft (63.51 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 17.5°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
0	trans-1,2-Dichloroethene	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
2	Tetrachloroethylene	665	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	6,950	µg/L	MA

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 — Time: 12:20
Depth to water: 157.36 ft (47.96 m) below TOC — pH: 4.9
Water elevation: 209.14 ft (63.75 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 23 µS/cm — Water temperature: 18.6°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
0	trans-1,2-Dichloroethene	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
2	Tetrachloroethylene	760	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	6,970	µg/L	MA

WELL RWM 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 — Time: 15:15
Depth to water: 158.84 ft (48.42 m) below TOC — pH: 4.7
Water elevation: 207.66 ft (63.30 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 18.6°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
0	trans-1,2-Dichloroethene	<100	µg/L	MA
2	Tetrachloroethylene	655	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	6,450	µg/L	MA

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91 — Time: 14:20
Depth to water: 155.95 ft (47.53 m) below TOC — pH: 4.9
Water elevation: 210.95 ft (64.30 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 17.4°C
The well was continuously pumping

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<25	µg/L	MA
0	trans-1,2-Dichloroethene	<25	µg/L	MA
0	1,1-Dichloroethylene	<25	µg/L	MA

WELL RWM 5 collected on 01/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Tetrachloroethylene	954	µg/L	MA
0	1,1,1-Trichloroethane	<25	µg/L	MA
2	Trichloroethylene	1,820	µg/L	MA

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 — Time: 13:40
Depth to water: 156.84 ft (47.81 m) below TOC — pH: 4.8
Water elevation: 210.06 ft (64.03 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 18.8°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<25	µg/L	MA
0	trans-1,2-Dichloroethene	<25	µg/L	MA
0	1,1-Dichloroethylene	<25	µg/L	MA
2	Tetrachloroethylene	1,060	µg/L	MA
0	1,1,1-Trichloroethane	<25	µg/L	MA
2	Trichloroethylene	1,900	µg/L	MA

WELL RWM 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 — Time: 16:05
Depth to water: 156.85 ft (47.81 m) below TOC — pH: 4.7
Water elevation: 210.05 ft (64.02 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 32 µS/cm — Water temperature: 19.0°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<25	µg/L	MA
0	trans-1,2-Dichloroethene	<25	µg/L	MA
2	Tetrachloroethylene	1,050	µg/L	MA
0	1,1,1-Trichloroethane	<25	µg/L	MA
2	Trichloroethylene	1,870	µg/L	MA

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91 — Time: 13:15
Depth to water: 166.44 ft (50.73 m) below TOC — pH: 4.9
Water elevation: 182.66 ft (55.68 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 17.9°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloroform	<200	µg/L	MA
0	Chloroform	<250	µg/L	MA
0	trans-1,2-Dichloroethene	<200	µg/L	MA
0	trans-1,2-Dichloroethene	<250	µg/L	MA
0	1,1-Dichloroethylene	<200	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
2	Tetrachloroethylene	4,300	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
2	Tetrachloroethylene	8,110	µg/L	MA
2	Tetrachloroethylene	7,280	µg/L	MA
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,1-Trichloroethane	<200	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	6,800	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
2	Trichloroethylene	11,200	µg/L	MA
2	Trichloroethylene	10,100	µg/L	MA
0	Total activity	-5.0E-07 ± 9.9E-07	µCi/mL	EM

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91 — Time: 13:15
Depth to water: 166.44 ft (50.73 m) below TOC — pH: 4.9
Water elevation: 182.66 ft (55.68 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 31 µS/cm — Water temperature: 17.9°C
The well was continuously pumping

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 10:05
Depth to water: 169.34 ft (51.62 m) below TOC pH: 4.9
Water elevation: 179.78 ft (54.79 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 33 µS/cm Water temperature: 18.3°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<250	µg/L	MA
0	trans-1,2-Dichloroethene	<250	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
2	Tetrachloroethylene	6,260	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	9,070	µg/L	MA

WELL RWM 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 10:00
Depth to water: 176.23 ft (53.72 m) below TOC pH: 4.6
Water elevation: 172.87 ft (52.69 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 28 µS/cm Water temperature: 17.6°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<250	µg/L	MA
0	trans-1,2-Dichloroethene	<250	µg/L	MA
2	Tetrachloroethylene	6,380	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	8,300	µg/L	MA

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91 Time: 13:25
Depth to water: 153.84 ft (46.89 m) below TOC pH: 4.7
Water elevation: 195.18 ft (59.49 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 80 µS/cm Water temperature: 17.5°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<50	µg/L	MA
0	trans-1,2-Dichloroethene	<50	µg/L	MA
0	1,1-Dichloroethylene	<50	µg/L	MA
2	Tetrachloroethylene	1,980	µg/L	MA
0	1,1,1-Trichloroethane	<50	µg/L	MA
2	Trichloroethylene	2,020	µg/L	MA

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 10:15
Depth to water: 154.05 ft (46.96 m) below TOC pH: 4.6
Water elevation: 194.95 ft (59.42 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 78 µS/cm Water temperature: 18.0°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<50	µg/L	MA
0	trans-1,2-Dichloroethene	<50	µg/L	MA
0	1,1-Dichloroethylene	<50	µg/L	MA
2	Tetrachloroethylene	4,290	µg/L	MA
0	1,1,1-Trichloroethane	<50	µg/L	MA
2	Trichloroethylene	4,450	µg/L	MA

WELL RWM 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 15:35
Depth to water: 157.85 ft (48.05 m) below TOC pH: 4.4
Water elevation: 191.35 ft (58.32 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 80 µS/cm Water temperature: 18.6°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<50	µg/L	MA
0	trans-1,2-Dichloroethene	<50	µg/L	MA
2	Tetrachloroethylene	5,400	µg/L	MA
0	1,1,1-Trichloroethane	<50	µg/L	MA
2	Trichloroethylene	4,890	µg/L	MA

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91 Time: 12:35
Depth to water: 148.54 ft (44.67 m) below TOC pH: 5.1
Water elevation: 201.76 ft (61.50 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 121 µS/cm Water temperature: 17.5°C
The well was continuously pumping

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<10	µg/L	MA
0	Chloroform	<10	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
2	Tetrachloroethylene	267	µg/L	MA
2	Tetrachloroethylene	231	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	589	µg/L	MA
2	Trichloroethylene	537	µg/L	MA

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91 Time: 12:10
Depth to water: 144.74 ft (44.12 m) below TOC pH: 4.9
Water elevation: 203.56 ft (62.05 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 122 µS/cm Water temperature: 18.8°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<2.0	µg/L	MA
0	trans-1,2-Dichloroethene	23	µg/L	MA
2	1,1-Dichloroethylene	39	µg/L	MA
2	Tetrachloroethylene	192	µg/L	MA
0	1,1,1-Trichloroethane	11	µg/L	MA
2	Trichloroethylene	487	µg/L	MA

WELL RWM 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 15:05
Depth to water: 146.05 ft (44.52 m) below TOC pH: 4.7
Water elevation: 202.25 ft (61.65 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 119 µS/cm Water temperature: 18.7°C
The well was continuously pumping

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<5.0	µg/L	MA
0	trans-1,2-Dichloroethene	8.0	µg/L	MA
2	Tetrachloroethylene	275	µg/L	MA
0	1,1,1-Trichloroethane	6.6	µg/L	MA
2	Trichloroethylene	599	µg/L	MA

ANALYTICAL RESULTS

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91
Depth to water: 158.77 ft (48.39 m) below TOC
Water elevation: 221.83 ft (67.61 m) msl
Sp. conductance: 39 µS/cm
The well was continuously pumping.

Time: 13:35
pH: 5.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<2.0	µg/L	MA
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
2	Tetrachloroethylene	9.5	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	129	µg/L	MA

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91
Depth to water: 159.22 ft (48.53 m) below TOC
Water elevation: 221.38 ft (67.48 m) msl
Sp. conductance: 42 µS/cm
The well was continuously pumping.

Time: 13:00
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<2.0	µg/L	MA
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
0	1,1-Dichloroethylene	<2.0	µg/L	MA
2	Tetrachloroethylene	15	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	183	µg/L	MA

WELL RWM 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91
Depth to water: 159.34 ft (48.57 m) below TOC
Water elevation: 221.26 ft (67.44 m) msl
Sp. conductance: 42 µS/cm
The well was continuously pumping.

Time: 15:40
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<2.0	µg/L	MA
0	Chloroform	<2.0	µg/L	MA
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
0	trans-1,2-Dichloroethene	<2.0	µg/L	MA
2	Tetrachloroethylene	15	µg/L	MA
2	Tetrachloroethylene	12	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
0	1,1,1-Trichloroethane	<2.0	µg/L	MA
2	Trichloroethylene	197	µg/L	MA
2	Trichloroethylene	181	µg/L	MA

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91
Depth to water: 164.45 ft (50.12 m) below TOC
Water elevation: 191.05 ft (58.23 m) msl
Sp. conductance: 91 µS/cm
The well was continuously pumping.

Time: 13:05
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<250	µg/L	MA
0	trans-1,2-Dichloroethene	<250	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
2	Tetrachloroethylene	5,930	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	3,640	µg/L	MA

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91
Depth to water: 165.04 ft (50.30 m) below TOC
Water elevation: 190.46 ft (58.05 m) msl
Sp. conductance: 93 µS/cm
The well was continuously pumping.

Time: 12:45
pH: 4.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<250	µg/L	MA
0	trans-1,2-Dichloroethene	<250	µg/L	MA
0	1,1-Dichloroethylene	<250	µg/L	MA
2	Tetrachloroethylene	7,070	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	4,080	µg/L	MA

WELL RWM 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91
Depth to water: 170.14 ft (51.86 m) below TOC
Water elevation: 185.36 ft (56.50 m) msl
Sp. conductance: 87 µS/cm
The well was continuously pumping.

Time: 14:35
pH: 4.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<250	µg/L	MA
0	trans-1,2-Dichloroethene	<250	µg/L	MA
2	Tetrachloroethylene	5,680	µg/L	MA
0	1,1,1-Trichloroethane	<250	µg/L	MA
2	Trichloroethylene	3,120	µg/L	MA

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/12/91
Depth to water: 168.74 ft (51.43 m) below TOC
Water elevation: 214.56 ft (65.40 m) msl
Sp. conductance: 40 µS/cm
The well was continuously pumping.

Time: 13:45
pH: 4.6
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
0	trans-1,2-Dichloroethene	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
2	Tetrachloroethylene	571	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	4,740	µg/L	MA

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/12/91
Depth to water: 169.05 ft (51.53 m) below TOC
Water elevation: 214.25 ft (65.30 m) msl
Sp. conductance: 39 µS/cm
The well was continuously pumping.

Time: 13:10
pH: 4.4
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
0	trans-1,2-Dichloroethene	<100	µg/L	MA
0	1,1-Dichloroethylene	<100	µg/L	MA
2	Tetrachloroethylene	449	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	4,640	µg/L	MA

WELL RWM 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 15:50
Depth to water: 170.42 ft (51.94 m) below TOC pH: 4.4
Water elevation: 212.88 ft (64.89 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 38 µS/cm Water temperature: 19.4°C
The well was continuously pumping.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<100	µg/L	MA
0	trans-1,2-Dichloroethene	<100	µg/L	MA
2	Tetrachloroethylene	299	µg/L	MA
0	1,1,1-Trichloroethane	<100	µg/L	MA
2	Trichloroethylene	4,770	µg/L	MA

WELL RWM 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 13:50
Inaccessibility or pump failure prevented sample collection.

WELL RWM 16

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/28/91 Time: 13:50
Depth to water: 120.44 ft (36.71 m) below TOC pH: 5.5
Water elevation: 198.98 ft (60.64 m) msl Alkalinity ($CaCO_3$): 16 mg/L
Sp. conductance: 37 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 393 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Chloroform	<10	µg/L	MA
0	Chloroform	<10	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	1,1-Dichloroethylene	<10	µg/L	MA
0	Tetrachloroethylene	<10	µg/L	MA
0	Tetrachloroethylene	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,1-Trichloroethane	<10	µg/L	MA
2	Trichloroethylene	1,080	µg/L	MA
2	Trichloroethylene	1,090	µg/L	MA

WELL SBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91 Time: 13:45
Depth to water: 25.03 ft (7.63 m) below TOC pH: 4.6
Water elevation: 237.37 ft (72.35 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 38 µS/cm Water temperature: 19.7°C
Water evacuated before sampling: 122 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	25	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	830	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,830	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	17	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	710	µg/L	GE
0	Manganese	22	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	7,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,800	µg/L	GE
0	Sulfate	4,540	µg/L	GE

WELL SBG 1 collected on 03/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	14,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	4.4E-09±4.3E-09	µCi/mL	GE
2	Tritium	2.8E-05±7.0E-07	µCi/mL	GE

WELL SBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91 Time: 11:30
Depth to water: 53.86 ft (16.42 m) below TOC pH: 4.8
Water elevation: 236.14 ft (71.98 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 20 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 79 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	pH	5.1	pH	IT
0	pH	5.1	pH	IT
0	Specific conductance	12	µS/cm	GE
0	Specific conductance	16	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.5	µg/L	GE
0	Barium	3.9	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	430	µg/L	GE
0	Calcium	366	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	1,830	µg/L	GE
0	Chloride	1,640	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	14	µg/L	GE
0	Iron	11	µg/L	IT
0	Lead	13	µg/L	GE
0	Lead	8.1	µg/L	IT
0	Magnesium	430	µg/L	GE
0	Magnesium	365	µg/L	IT
0	Manganese	7.8	µg/L	GE
0	Manganese	7.0	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	720	µg/L	GE
0	Nitrate as nitrogen	660	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	IT
0	Silica	7,200	µg/L	GE
0	Silica	6,130	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT
0	Sodium	1,800	µg/L	GE
0	Sodium	1,320	µg/L	IT
0	Sulfate	6,690	µg/L	GE
0	Sulfate	1,030	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Total dissolved solids	33,000	µg/L	GE
0	Total dissolved solids	44,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,270	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE

ANALYTICAL RESULTS

WELL SBG 2 collected on 03/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<0.40	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	2.4E-09±1.6E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Total radium	1.0E-09±3.0E-10	µCi/mL	IT
1	Tritium	1.6E-05±6.0E-07	µCi/mL	GE
1	Tritium	1.2E-05±2.0E-06	µCi/mL	IT

WELL SBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91 — Time: 11:30
Depth to water: 53.86 ft (16.42 m) below TOC — pH: 4.8
Water elevation: 238.14 ft (71.98 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 20 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 79 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	pH	5.2	pH	GE
0	pH	5.0	pH	IT
0	Specific conductance	12	µS/cm	GE
0	Specific conductance	12	µS/cm	GE
0	Specific conductance	14	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	4.7	µg/L	GE
0	Barium	4.3	µg/L	GE
0	Barium	3.8	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	430	µg/L	GE
0	Calcium	390	µg/L	GE
0	Calcium	361	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	1,760	µg/L	GE
0	Chloride	1,820	µg/L	GE
0	Chloride	1,820	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	34	µg/L	GE
0	Iron	58	µg/L	GE
0	Iron	9.5	µg/L	IT
0	Lead	7.0	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Lead	8.3	µg/L	IT
0	Magnesium	410	µg/L	GE
0	Magnesium	400	µg/L	GE
0	Magnesium	378	µg/L	IT
0	Manganese	7.7	µg/L	GE
0	Manganese	7.8	µg/L	GE
0	Manganese	6.9	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	720	µg/L	GE
0	Nitrate as nitrogen	710	µg/L	GE
0	Nitrate as nitrogen	870	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT

WELL SBG 2 collected on 03/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	IT
0	Silica	6,700	µg/L	GE
0	Silica	6,600	µg/L	GE
0	Silica	6,070	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT
0	Sodium	1,800	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sodium	1,320	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	1,010	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Total dissolved solids	98,000	µg/L	GE
0	Total dissolved solids	135,000	µg/L	GE
0	Total dissolved solids	22,000	µg/L	IT
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	IT
0	Total organic halogens	7.0	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<10	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
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	<0.40	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<0.40	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	2.3E-09±3.5E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
1	Tritium	1.6E-05±6.0E-07	µCi/mL	GE
1	Tritium	1.7E-05±6.0E-07	µCi/mL	GE
1	Tritium	1.2E-05±2.0E-06	µCi/mL	IT

WELL SBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91 — Time: 12:10
Depth to water: 50.21 ft (15.30 m) below TOC — pH: 4.8
Water elevation: 236.39 ft (72.05 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 19 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 78 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.1	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	460	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,890	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	15	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	360	µg/L	GE
0	Manganese	8.3	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	590	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	5,200	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE

WELL SBG 3 collected on 03/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total dissolved solids	19,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/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
1	Total radium	2.6E-09±2.9E-09	µCi/mL	GE
1	Tritium	1.5E-05±6.0E-07	µCi/mL	GE

WELL SBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91
Depth to water: 32.53 ft (9.92 m) below TOC
Water elevation: 240.57 ft (73.33 m) msl
Sp. conductance: 38 µS/cm
Water evacuated before sampling: 144 gal
Time: 13:10
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 20.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	810	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,210	µg/L	GE
0	Chloroform	3.0	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	14	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	680	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	1,760	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sulfate	4,590	µg/L	GE
1	Tetrachloroethylene	4.0	µg/L	GE
0	Total dissolved solids	23,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	51	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	40	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.1E-08±3.6E-09	µCi/mL	GE
1	Total radium	2.5E-09±3.0E-09	µCi/mL	GE
2	Tritium	2.2E-05±7.0E-07	µCi/mL	GE

WELL SBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91
Depth to water: 35.63 ft (10.86 m) below TOC
Water elevation: 248.87 ft (75.86 m) msl
Sp. conductance: 50 µS/cm
Water evacuated before sampling: 130 gal
Time: 15:00
pH: 5.9
Alkalinity ($CaCO_3$): 13 mg/L
Water temperature: 20.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	36	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	5,700	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,220	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

WELL SBG 5 collected on 03/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	Iron	23	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	420	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	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	9,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,900	µg/L	GE
0	Sulfate	1,280	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Total dissolved solids	29,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	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	6.4E-06±4.0E-07	µCi/mL	GE

WELL SBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91
Depth to water: 38.25 ft (11.66 m) below TOC
Water elevation: 243.45 ft (74.20 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 93 gal
Time: 14:10
pH: 4.7
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	310	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,350	µg/L	GE
0	Chloroform	7.0	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	13	µg/L	GE
0	Lead	12	µg/L	GE
0	Magnesium	350	µg/L	GE
0	Manganese	5.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	680	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,300	µg/L	GE
0	Sulfate	4,030	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Total dissolved solids	440,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09±2.6E-09	µCi/mL	GE
1	Tritium	1.2E-05±6.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL SCA 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 — Time: 12:20
Depth to water: 48.39 ft (14.75 m) below TOC — pH: 5.9
Sp. conductance: 27 µS/cm — Water temperature: 20.7°C
Water evacuated before sampling: 92 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.2	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	17	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Chloride	1,290	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	31	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	540	µg/L	GE
1	Manganese	27	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	80	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,100	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	Total dissolved solids	3,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.4E-09±2.9E-09	µCi/mL	GE
1	Tritium	1.8E-05±6.0E-07	µCi/mL	GE

WELL SCA 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 — Time: 10:45
The well was dry.

WELL SCA 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 — Time: 11:55
Depth to water: 48.26 ft (14.71 m) below TOC — pH: 6.3
Water elevation: 240.64 ft (73.35 m) msl — Alkalinity ($CaCO_3$): 11 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 20.2°C
Water evacuated before sampling: 65 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,200	µg/L	GE
0	Chloride	1,450	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	38	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	870	µg/L	GE
0	Manganese	5.5	µg/L	GE
0	Mercury	0.38	µg/L	GE
0	Methoxychlor	<0.50	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	7,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,300	µg/L	GE

WELL SCA 2 collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	2,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.3E-09±2.9E-09	µCi/mL	GE
1	Tritium	1.8E-05±6.0E-07	µCi/mL	GE

WELL SCA 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 — Time: 10:50
The well was dry.

WELL SCA 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 — Time: 14:30
Depth to water: 48.10 ft (14.66 m) below TOC — pH: 5.8
Water elevation: 239.20 ft (72.91 m) msl — Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 28 µS/cm — Water temperature: 19.1°C
Water evacuated before sampling: 31 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	34	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	12	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,500	µg/L	GE
0	Chloride	2,640	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	180	µg/L	GE
0	Lead	6.7	µg/L	GE
0	Magnesium	680	µg/L	GE
2	Manganese	92	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	750	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	540	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	1,730	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09±2.6E-09	µCi/mL	GE
0	Total activity	1.8E-05±1.4E-06	µCi/mL	EM
0	Total radium	<1.0E-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: 03/13/91 — Time: 14:00
Depth to water: 14.69 ft (4.48 m) below TOC — pH: 6.7
Water elevation: 272.61 ft (83.09 m) msl — Alkalinity ($CaCO_3$): 151 mg/L
Sp. conductance: 538 µS/cm — Water temperature: 17.9°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
2	Specific conductance	500	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	120	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	77,000	µg/L	GE
0	Chloride	7,650	µg/L	GE

WELL SCA 3A collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chromium	4.5	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	Iron	10	µg/L	GE
0	Lead	<3.0	µg/L	GE
2	Magnesium	7,700	µg/L	GE
0	Manganese	17	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nitrate as nitrogen	5,320	µg/L	GE
0	Phenols	<5.0	µg/L	GE
2	Potassium	9,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,900	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	28,000	µg/L	GE
0	Sulfate	84,200	µg/L	GE
1	Total dissolved solids	365,000	µg/L	GE
1	Total organic carbon	5,000	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	1.4E-08±7.3E-09	µCi/mL	GE
0	Total activity	2.0E-05±1.4E-06	µCi/mL	EM
0	Total radium	1.4E-09±2.5E-09	µCi/mL	GE
2	Tritium	2.4E-05±7.0E-07	µCi/mL	GE

WELL SCA 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 13:30
Depth to water: 46.73 ft (14.24 m) below TOC pH: 6.7
Water elevation: 239.47 ft (72.99 m) msl Alkalinity ($CaCO_3$): 19 mg/L
Sp. conductance: 53 µS/cm Water temperature: 18.0°C
Water evacuated before sampling: 24 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	5.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	920	µg/L	GE
0	Chloride	1,020	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	66	µg/L	GE
0	Lead	11	µg/L	GE
0	Magnesium	290	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	9,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	2.1E-05±1.4E-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 SCA 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91 Time: 13:15
Depth to water: 16.03 ft (4.89 m) below TOC pH: 8.3
Water elevation: 270.07 ft (82.32 m) msl Alkalinity ($CaCO_3$): 55 mg/L
Sp. conductance: 301 µS/cm Water temperature: 17.2°C
Water evacuated before sampling: 5 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.0	pH	GE
1	Specific conductance	286	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	44	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	38,000	µg/L	GE
0	Chloride	3,710	µg/L	GE
0	Chromium	4.8	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.3	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Magnesium	4,600	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	3,180	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	5,300	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	17,000	µg/L	GE
0	Sulfate	42,900	µg/L	GE
1	Total dissolved solids	237,000	µg/L	GE
0	Total organic carbon	3,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	4.9E-09±3.7E-09	µCi/mL	GE
0	Total activity	1.9E-05±1.3E-06	µCi/mL	EM
0	Total radium	<1.0E-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: 03/12/91 Time: 11:30
Depth to water: 48.33 ft (15.04 m) below TOC
Water elevation: 238.77 ft (72.78 m) msl
The well pumped dry before all field parameters were collected

WELL SCA 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/12/91 Time: 15:00
Depth to water: 46.23 ft (14.09 m) below TOC pH: 9.7
Water elevation: 239.57 ft (73.02 m) msl Alkalinity ($CaCO_3$): 40 mg/L
Sp. conductance: 127 µS/cm Water temperature: 18.8°C
Water evacuated before sampling: 13 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
2	pH	11	pH	GE
0	Specific conductance	225	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	20	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
2	Calcium	35,000	µg/L	GE
0	Chloride	1,470	µg/L	GE
0	Chromium	7.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	23	µg/L	GE
0	Lead	4.8	µg/L	GE
0	Magnesium	54	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	320	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	900	µg/L	GE
0	Selenium	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL SCA 6 collected on 03/12/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,500	µg/L	GE
0	Sulfate	9,780	µg/L	GE
0	Total dissolved solids	61,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total activity	1.6E-05±1.4E-06	µCi/mL	EM
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.8E-05±6.0E-07	µCi/mL	GE

WELL SLP 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91 Time: 12:35
Depth to water: 40.76 ft (12.42 m) below TOC pH: 5.2
Water elevation: 244.04 ft (74.38 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 28 µS/cm Water temperature: 20.0°C
Water evacuated before sampling: 6 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	780	µg/L	GE
0	Chloride	3,860	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	11	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	150	µg/L	GE
1	Manganese	26	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	6,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,800	µg/L	GE
0	Sulfate	1,920	µg/L	GE
0	Total dissolved solids	26,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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 SLP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/01/91 Time: 10:50
Depth to water: 39.98 ft (12.19 m) below TOC pH: 6.1
Water elevation: 243.82 ft (74.32 m) msl Alkalinity ($CaCO_3$): 9 mg/L
Sp. conductance: 40 µS/cm Water temperature: 18.9°C
Water evacuated before sampling: 69 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,700	µg/L	GE
0	Chloride	1,510	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	44	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	120	µg/L	GE

WELL SLP 2 collected on 03/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Manganese	5.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	730	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	1,070	µg/L	GE
0	Total dissolved solids	57,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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	1.3E-05±5.0E-07	µCi/mL	GE

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91 Time: 14:45
The well was dry.

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91 Time: 16:45
Depth to water: 108.62 ft (33.11 m) below TOC pH: 4.7
Water elevation: 211.98 ft (64.61 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 53 µS/cm Water temperature: 18.1°C
Water evacuated before sampling: 35 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.8	pH	GE
0	pH	4.8	pH	GE
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	30	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.4	µg/L	GE
0	Barium	9.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Lindane	<0.010	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,600	µg/L	GE
0	Calcium	1,700	µg/L	GE
1	Carbon tetrachloride	3.0	µg/L	GE
1	Carbon tetrachloride	3.0	µg/L	GE
0	Chloride	3,610	µg/L	GE
0	Chloride	3,600	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	23	µg/L	GE
0	Chloroform	23	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	41	µg/L	GE
0	Copper	43	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE

WELL SRW 2 collected on 01/29/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Endrin	<0.010	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	1,200	µg/L	GE
0	Magnesium	1,300	µg/L	GE
0	Manganese	7.8	µg/L	GE
0	Manganese	8.2	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,550	µg/L	GE
0	Nitrate as nitrogen	1,550	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	530	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,500	µg/L	GE
0	Silica	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,000	µg/L	GE
0	Sodium	4,100	µg/L	GE
0	Sulfate	12,800	µg/L	GE
0	Sulfate	10,400	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
1	Tetrachloroethylene	3.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	9.0	µg/L	GE
0	Total organic halogens	11	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
1	Trichloroethylene	3.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	2.3E-09±1.5E-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	Total radium	2.0E-09±3.5E-09	µCi/mL	GE
0	Tritium	1.7E-06±3.0E-07	µCi/mL	GE
0	Tritium	1.5E-06±2.0E-07	µCi/mL	GE

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91
Depth to water: 116.93 ft (35.64 m) below TOC
Water elevation: 203.67 ft (62.08 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 302 gal

Time: 16:10
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.4	µg/L	GE
0	Benzene	<1.0	µg/L	GE

WELL SRW 2A collected on 01/29/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	500	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,930	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	73	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	270	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	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	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	2,340	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	32,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
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±2.4E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91
Depth to water: 115.94 ft (35.34 m) below TOC
Water elevation: 204.66 ft (62.38 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 136 gal

Time: 15:40
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	11	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	620	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,910	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<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

ANALYTICAL RESULTS

WELL SRW 2B collected on 01/29/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	19	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	6.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	490	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	33	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	17,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	5.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.0E-06±2.0E-07	µCi/mL	GE

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91
Depth to water: 122.14 ft (37.23 m) below TOC
Water elevation: 209.96 ft (64.00 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 123 gal

Time: 11:15
pH: 5.0
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.1	pH	IT
0	Specific conductance	10	µS/cm	GE
0	Specific conductance	17	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	6.5	µg/L	GE
0	Barium	3.9	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	530	µg/L	GE
0	Calcium	489	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,160	µg/L	GE
0	Chloride	2,140	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	<4.0	µg/L	GE

WELL SRW 3A collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Copper	<2.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	J 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	24	µg/L	GE
0	Iron	5.0	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	340	µg/L	GE
0	Magnesium	292	µg/L	IT
0	Manganese	5.7	µg/L	GE
0	Manganese	5.3	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	480	µg/L	GE
0	Nitrate as nitrogen	410	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
0	Silica	8,800	µg/L	GE
0	Silica	7,770	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,900	µg/L	GE
0	Sodium	1,370	µg/L	IT
0	Sulfate	2,180	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	30,000	µg/L	GE
0	Total dissolved solids	31,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	26	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
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	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Total radium	1.4E-09±6.0E-10	µCi/mL	IT
0	Tritium	1.1E-06±2.0E-07	µCi/mL	GE
0	Tritium	1.0E-06±1.0E-07	µCi/mL	IT

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/06/91 — Time: 11:15
Depth to water: 122.14 ft (37.23 m) below TOC — pH: 5.0
Water elevation: 209.96 ft (64.00 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 17.8°C
Water evacuated before sampling: 123 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	pH	5.2	pH	IT
0	Specific conductance	10	µS/cm	GE
0	Specific conductance	17	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	5.2	µg/L	GE
0	Barium	3.9	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	550	µg/L	GE
0	Calcium	480	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,150	µg/L	GE
0	Chloride	2,110	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Copper	<4.0	µg/L	GE
0	Copper	<2.0	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	15	µg/L	GE
0	Iron	5.0	µg/L	IT
0	Lead	4.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	330	µg/L	GE
0	Magnesium	288	µg/L	IT
0	Manganese	5.7	µg/L	GE
0	Manganese	5.2	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	460	µg/L	GE
0	Nitrate as nitrogen	400	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	GE
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT

WELL SRW 3A collected on 02/06/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silica	9,000	µg/L	GE
0	Silica	7,640	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.5	µg/L	IT
0	Sodium	1,600	µg/L	GE
0	Sodium	1,350	µg/L	IT
0	Sulfate	5,350	µg/L	GE
0	Sulfate	<1,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	33,000	µg/L	GE
0	Total dissolved solids	49,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	31	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL SRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91 — Time: 13:50
The well was dry.

WELL SRW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91 — Time: 14:15
Depth to water: 101.76 ft (31.02 m) below TOC — pH: 5.5
Water elevation: 207.64 ft (63.29 m) msl — Alkalinity ($CaCO_3$) 4 mg/L
Sp. conductance: 42 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 34 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	23	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,700	µg/L	GE
0	Carbon tetrachloride	2.0	µg/L	GE
0	Chloride	5,710	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	19	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	330	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL SRW 5 collected on 01/29/91, laboratory analyses (continued)

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	14	µg/L	GE
0	Lead	19	µg/L	GE
0	Magnesium	1,400	µg/L	GE
0	Manganese	16	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	660	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	690	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	3,200	µg/L	GE
0	Sulfate	1,530	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	19	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 phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	5.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-08	µCi/mL	GE
0	Total radium	1.1E-09±1.5E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL SRW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91
Depth to water: 99.77 ft (30.41 m) below TOC
Water elevation: 207.93 ft (63.38 m) msl
Sp. conductance: 28 µS/cm
Water evacuated before sampling: 40 gal
Time: 15:30
pH: 5.2
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 17.0°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	5.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	700	µg/L	GE
1	Carbon tetrachloride	4.0	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	23	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
2	Dichloromethane (Methylene chloride)	5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	15	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	510	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	1,820	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE

WELL SRW 6 collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	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	8.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	2.4E-09±1.8E-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
0	Tritium	1.6E-06±3.0E-07	µCi/mL	GE

WELL SRW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/30/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 1 gal
The well went dry during purging.
Time: 10:05
pH: 5.8
Alkalinity ($CaCO_3$) 4 mg/L
Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	12	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	690	µg/L	GE
1	Carbon tetrachloride	4.0	µg/L	GE
0	Chloride	2,970	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	5.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
1	Copper	850	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
2	1,2-Dichloroethane	55	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
2	Dichloromethane (Methylene chloride)	43	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
2	Lead	99	µg/L	GE
0	Magnesium	340	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	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	7,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	13,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	2.7E-09±2.3E-09	µCi/mL	GE
0	Nonvolatile beta	4.8E-09±3.8E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.3E-06±3.0E-07	µCi/mL	GE

WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91
Depth to water: 82.72 ft (25.21 m) below TOC
Water elevation: 205.38 ft (62.60 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 25 gal
Time: 13:20
pH: 5.3
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.5	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	960	µg/L	GE
0	Carbon tetrachloride	2.0	µg/L	GE
0	Chloride	2,490	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	4.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	130	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	400	µg/L	GE
2	Iron	420	µg/L	GE
1	Lead	43	µg/L	GE
0	Magnesium	350	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	Nitrate as nitrogen	810	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,100	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	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	10	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
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	2.0E-09 ± 1.9E-09	µCi/mL	GE
0	Total radium	1.0E-09 ± 1.6E-09	µCi/mL	GE
0	Tritium	1.5E-06 ± 2.0E-07	µCi/mL	GE

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/30/91
Depth to water: 57.37 ft (17.49 m) below TOC
Water elevation: 196.03 ft (59.75 m) msl
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 78 gal
Time: 14:05
pH: 5.4
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	9.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.7	µg/L	GE
0	Benzene	<1.0	µg/L	GE

WELL SRW 9 collected on 01/30/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	880	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	2.0	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	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	11	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	280	µg/L	GE
0	Manganese	<2.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	410	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	4.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	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 SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/30/91
Depth to water: 58.91 ft (17.35 m) below TOC
Water elevation: 196.39 ft (59.86 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 215 gal
Time: 13:20
pH: 5.1
Alkalinity ($CaCO_3$) 1 mg/L
Water temperature 17.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	9.0	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	640	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	29	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL SRW 9A collected on 01/30/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	8.1	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	320	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	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	9,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	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 SRW 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/30/91
Depth to water: 58.37 ft (17.18 m) below TOC
Water elevation: 197.03 ft (60.06 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 117 gal

Time: 12:45
pH: 5.3
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	11	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	640	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,120	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	15	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	7.2	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	290	µg/L	GE
0	Manganese	5.0	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE

WELL SRW 9B collected on 01/30/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	490	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	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	2.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	9,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	2.0E-09 ± 1.7E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL SRW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 48 gal

Time: 16:45
pH: 5.7
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 16.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.1	pH	GE
0	Specific conductance	9.0	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	420	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	Copper	30	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	16	µg/L	GE
0	Lead	11	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	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	5,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE

WELL SRW 10 collected on 02/01/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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	<2.0E-09	µCi/mL	GE
0	Total radium	1.4E-09±2.5E-09	µCi/mL	GE
0	Tritium	2.3E-06±3.0E-07	µCi/mL	GE

WELL SRW 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/01/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 44 gal
Time: 17:30
pH: 5.1
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	10	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	500	µg/L	GE
2	Carbon tetrachloride	13	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	6.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	98	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	18	µg/L	GE
0	Lead	17	µg/L	GE
0	Magnesium	370	µg/L	GE
0	Manganese	2.4	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
J	Nitrate as nitrogen	490	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,400	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	1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	12	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	5.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.5E-09±2.6E-09	µCi/mL	GE
0	Tritium	1.9E-06±3.0E-07	µCi/mL	GE

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/30/91
Depth to water: 43.96 ft (13.40 m) below TOC
Water elevation: 192.34 ft (58.63 m) msl
Sp. conductance: 16 µS/cm
Water evacuated before sampling: 232 gal
Time: 16:40
pH: 5.0
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	11	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	430	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,800	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	29	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	7.5	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	340	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	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	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	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	Tetrachloroethylene	<1.0	µg/L	MA
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-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	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 SRW 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/30/91 — Time: 16:15
Depth to water: 48.87 ft (14.90 m) below TOC — pH: 5.6
Water elevation: 187.43 ft (57.13 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 10 µS/cm — Water temperature: 18.3°C
Water evacuated before sampling: 108 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	9.0	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	750	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	2.0	µg/L	GE
0	Chloroform	1.1	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	12	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,2-Dichloroethane	4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
1	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	46	µg/L	GE
0	Lead	10	µg/L	GE
0	Magnesium	150	µg/L	GE
0	Magnesium	170	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	Nitrate as nitrogen	70	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,400	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	Tetrachloroethylene	<1.0	µg/L	MA
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.0E-09 ± 2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/30/91 — Time: 17:30
Depth to water: 43.23 ft (13.18 m) below TOC — pH: 5.5
Water elevation: 193.07 ft (58.85 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 11 µS/cm — Water temperature: 18.0°C
Water evacuated before sampling: 37 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	7.0	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	580	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	2.0	µg/L	GE
0	Chloroform	1.4	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	150	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,2-Dichloroethane	3.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
1	Dichloromethane (Methylene chloride)	3.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	170	µg/L	GE
0	Lead	21	µg/L	GE
0	Magnesium	290	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	Nitrate as nitrogen	80	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,200	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	Tetrachloroethylene	<1.0	µg/L	MA
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)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Trichloroethylene	1.4	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.3E-06 ± 2.0E-07	µCi/mL	GE

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91 — Time: 10:30
Depth to water: 99.01 ft (30.18 m) below TOC — pH: 5.1
Water elevation: 198.69 ft (60.56 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 17 µS/cm — Water temperature: 17.8°C
Water evacuated before sampling: 275 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
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	Chloroform	<0.40	µg/L	IT
0	Chloroform	<1.0	µg/L	MA
0	Chloroform	<1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	22	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
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	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	9.5	µg/L	GE
0	Lead	3.0	µg/L	GE
0	Magnesium	350	µg/L	GE
0	Manganese	3.6	µg/L	GE
0	Mercury	<0.20	µg/L	GE
	Methoxychlor	<0.50	µg/L	GE
	Nitrate as nitrogen	870	µg/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	2,800	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	Tetrachloroethylene	<0.40	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Tetrachloroethylene	<1.0	µg/L	MA
0	Toluene	15	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
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
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<0.40	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	MA
0	Trichloroethylene	<1.0	µg/L	MA
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 SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91 — Time: 10:30
Depth to water: 99.01 ft (30.18 m) below TOC — pH: 5.1
Water elevation: 198.69 ft (60.56 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 17 µS/cm — Water temperature: 17.8°C
Water evacuated before sampling: 275 gal

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91 — Time: 11:35
Depth to water: 97.28 ft (29.65 m) below TOC — pH: 5.0
Water elevation: 200.41 ft (61.09 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 15 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 124 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	10	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	530	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,960	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	Chloroform	<1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	220	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	57	µg/L	GE
1	Lead	36	µg/L	GE
0	Magnesium	320	µg/L	GE
0	Manganese	9.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	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	2,900	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	Tetrachloroethylene	<1.0	µg/L	MA
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	18,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-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	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-07 ± 2.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/29/91
Depth to water: 91.99 ft (28.04 m) below TOC
Water elevation: 205.71 ft (62.70 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 26 gal

Time: 10:55
pH: 5.3
Alkalinity ($CaCO_3$): 3 mg/L
Water temperature: 17.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	11	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	800	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	Chloroform	<1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	220	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	21	µg/L	GE
0	Lead	18	µg/L	GE
0	Magnesium	360	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	870	µg/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	1,900	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	Tetrachloroethylene	<1.0	µg/L	MA
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	17,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
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	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	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 SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91
Depth to water: 126.44 ft (38.54 m) below TOC
Water elevation: 200.58 ft (61.13 m) msl
Sp. conductance: 20 µS/cm
Water evacuated before sampling: 243 gal

Time: 10:25
pH: 5.4
Alkalinity ($CaCO_3$) 2 mg/L
Water temperature: 17.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	pH	5.7	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Specific conductance	11	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.0	µg/L	GE
0	Barium	4.8	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,000	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,550	µg/L	GE
0	Chloride	1,580	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<10	µg/L	MA
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	35	µg/L	GE
0	Copper	41	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	12	µg/L	GE
0	Iron	17	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Lead	9.0	µg/L	GE
0	Magnesium	350	µg/L	GE
0	Magnesium	420	µg/L	GE
0	Manganese	3.4	µg/L	GE
0	Manganese	4.1	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	1,210	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	Potassium	<500	µg/L	GE

WELL SRW 14A collected on 02/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	8,900	µg/L	GE
0	Silica	9,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,500	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	1,400	µg/L	GE
0	Sulfate	1,820	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MA
0	Toluene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	34,000	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	8.0	µg/L	GE
0	Total organic halogens	7.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	23	µg/L	GE
2	Trichloroethylene	22	µg/L	GE
2	Trichloroethylene	20	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.9E-09±2.8E-09	µCi/mL	GE
0	Nonvolatile beta	2.4E-09±2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	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 SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91
Depth to water: 124.70 ft (38.01 m) below TOC
Water elevation: 202.20 ft (61.63 m) msl
Sp. conductance: 19 µS/cm
Water evacuated before sampling: 129 gal

Time: 10:55
pH: 5.6
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	6.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	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	1,580	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<10	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	220	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<10	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<10	µg/L	MA
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE

WELL SRW 14B collected on 02/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	140	µg/L	GE
0	Lead	19	µg/L	GE
0	Magnesium	430	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	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	9,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,100	µg/L	GE
0	Sulfate	1,500	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<10	µg/L	MA
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	36,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<10	µg/L	MA
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
1	Trichloroethylene	3.0	µg/L	GE
1	Trichloroethylene	2.8	µg/L	MA
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09±2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.7E-07±2.0E-07	µCi/mL	GE

WELL SRW 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91
Depth to water: Not available
Water elevation: Not available
Sp. conductance: 14 µS/cm
Water evacuated before sampling: 70 gal

Time: 11:50
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	8.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.3	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	410	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	Chloroform	<1.0	µg/L	MA
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	19	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	54	µg/L	GE
0	Lead	12	µg/L	GE
0	Magnesium	230	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	0.59	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	310	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL SRW 14C collected on 02/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silica	8,400	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	3,950	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	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	30,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-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	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	1.2E-06 ± 2.0E-07	µCi/mL	GE

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91 — Time: 13:25
Depth to water: 112.70 ft (34.35 m) below TOC — pH: 8.3
Water elevation: 206.40 ft (62.91 m) msl — Alkalinity ($CaCO_3$): 10 mg/L
Sp. conductance: 33 µS/cm — Water temperature: 18.5°C
Water evacuated before sampling: 285 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.3	pH	GE
0	Specific conductance	17	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	3,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,520	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	6.4	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	25	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	320	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	810	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	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

WELL SRW 15A collected on 02/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
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 SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91 — Time: 14:25
Depth to water: 112.45 ft (34.28 m) below TOC — pH: 5.3
Water elevation: 206.65 ft (62.99 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 13 µS/cm — Water temperature: 17.9°C
Water evacuated before sampling: 144 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	8.0	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	670	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	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	34	µg/L	GE
0	Lead	8.0	µg/L	GE
0	Magnesium	260	µg/L	GE
0	Manganese	4.3	µg/L	GE
0	Mercury	0.93	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	<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	1,400	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	27,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	43	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	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	1.0E-06 ± 2.0E-07	µCi/mL	GE

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91
Depth to water: 109.71 ft (33.44 m) below TOC
Water elevation: 209.39 ft (63.82 m) msl
Sp. conductance: 15 µS/cm
Water evacuated before sampling: 57 gal
Time: 14:50
pH: 5.4
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 18.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	GE
0	Specific conductance	8.0	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.2	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	410	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,820	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	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	20	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	180	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	500	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,100	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	1,840	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	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	1.1E-06±2.0E-07	µCi/mL	GE

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/05/91
Depth to water: 136.22 ft (41.52 m) below TOC
Water elevation: 210.58 ft (64.19 m) msl
Sp. conductance: 78 µS/cm
Water evacuated before sampling: 23 gal
The well went dry during purging.
Time: 15:50
pH: 7.3
Alkalinity ($CaCO_3$): 37 mg/L
Water temperature: 19.7°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	7.5	pH	GE
0	Specific conductance	39	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	33	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE

WELL SRW 16A collected on 02/05/91, laboratory analyses (continued)

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	8,000	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	Chloroform	<1.0	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	2.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	MA
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	MA
2	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	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	430	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	330	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	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	10,000	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	Tetrachloroethylene	<1.0	µg/L	MA
0	Toluene	2.0	µg/L	GE
0	Total dissolved solids	47,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	10	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	2.0	µg/L	GE
0	1,1,1-Trichloroethane	1.5	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	Gross alpha	3.8E-09±3.2E-09	µCi/mL	GE
0	Nonvolatile beta	7.0E-09±6.0E-09	µCi/mL	GE
0	Total radium	1.1E-09±2.5E-09	µCi/mL	GE
0	Tritium	1.3E-06±3.0E-07	µCi/mL	GE

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91
Depth to water: 135.41 ft (41.27 m) below TOC
Water elevation: 211.39 ft (64.43 m) msl
Sp. conductance: 17 µS/cm
Water evacuated before sampling: 136 gal
Time: 16:30
pH: 5.2
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	9.0	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	580	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

ANALYTICAL RESULTS

WELL SRW 16B collected on 02/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Copper	30	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	30	µg/L	GE
0	Lead	15	µg/L	GE
0	Magnesium	330	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	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	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,400	µg/L	GE
0	Sulfate	2,800	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	34,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.0	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±2.5E-09	µCi/mL	GE
0	Tritium	9.2E-07±2.0E-07	µCi/mL	GE

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/04/91 Time: 17:10
Depth to water: 134.75 ft (41.07 m) below TOC pH: 5.2
Water elevation: 211.85 ft (64.57 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 15 µS/cm Water temperature: 18.3°C
Water evacuated before sampling: 18 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	8.0	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	510	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	65	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
1	1,2-Dichloroethane	4.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	45	µg/L	GE
0	Lead	20	µg/L	GE

WELL SRW 16C collected on 02/04/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Magnesium	310	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	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	7,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	2,990	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	33,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	3.0E-09±3.0E-09	µCi/mL	GE
0	Tritium	1.7E-06±3.0E-07	µCi/mL	GE

WELL SSS 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/10/91 Time: 15:45
Depth to water: 34.82 ft (10.55 m) below TOC pH: 4.6
Water elevation: 160.28 ft (48.85 m) msl Alkalinity ($CaCO_3$): 5 mg/L
Sp. conductance: 25 µS/cm Water temperature: 16.5°C
Water evacuated before sampling: 4 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	pH	5.6	pH	GE
0	Specific conductance	19	µS/cm	GE
0	Specific conductance	19	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	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Calcium	1,200	µg/L	GE
0	Chloride	1,910	µg/L	GE
0	Chloride	1,920	µg/L	GE
0	Chromium	5.8	µg/L	GE
0	Chromium	5.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	55	µg/L	GE
0	Iron	71	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	360	µg/L	GE
0	Magnesium	370	µg/L	GE
0	Manganese	4.5	µg/L	GE
0	Manganese	4.6	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	Nitrate as nitrogen	1,120	µg/L	GE
0	Nitrate as nitrogen	1,120	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	7,100	µg/L	GE
0	Silica	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	8,000	µg/L	GE
0	Total dissolved solids	7,000	µg/L	GE

WELL SSS 1 collected on 03/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	6.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	3.7E-09±2.1E-09	µCi/mL	GE
0	Gross alpha	2.0E-09±9.3E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-08±3.5E-09	µCi/mL	GE
0	Nonvolatile beta	2.8E-09±1.9E-08	µCi/mL	GE
2	Total radium	1.9E-08±4.5E-09	µCi/mL	GE
2	Total radium	1.3E-08±8.7E-09	µCi/mL	GE
0	*Tritium*	4.3E-06±3.0E-07	µCi/mL	GE
0	Tritium	4.2E-06±3.0E-07	µCi/mL	GE

WELL SSS 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/10/91 — Time: 17:30
Depth to water: 10.51 ft (3.20 m) below TOC — pH: 4.3
Water elevation: 154.59 ft (47.12 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 41 µS/cm — Water temperature: 15.1°C
Water evacuated before sampling: 9 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	21	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	9.5	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	670	µg/L	GE
0	Chloride	3,450	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	38	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	710	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	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	7,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,300	µg/L	GE
0	Sulfate	1,660	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	43	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-08	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	3.2E-09±3.9E-09	µCi/mL	GE
0	Tritium	6.1E-06±4.0E-07	µCi/mL	GE

WELL SSS 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/10/91 — Time: 16:30
Depth to water: 6.77 ft (2.06 m) below TOC — pH: 4.6
Water elevation: 156.83 ft (47.80 m) msl — Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 14 µS/cm — Water temperature: 13.7°C
Water evacuated before sampling: 7 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	GE
0	Specific conductance	11	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	650	µg/L	GE
0	Chloride	1,150	µg/L	GE
0	Chromium	4.4	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

WELL SSS 3 collected on 03/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Iron	80	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	300	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	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	4,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	850	µg/L	GE
0	Sulfate	11,100	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	<5.0	µg/L	GE
0	Total phosphates (as P)	110	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	3.6E-06±3.0E-07	µCi/mL	GE

WELL SSS 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/10/91 — Time: 8:45
Depth to water: 71.26 ft (21.72 m) below TOC — pH: 4.8
Water elevation: 195.54 ft (59.60 m) msl — Alkalinity ($CaCO_3$): 49 mg/L
Sp. conductance: 37 µS/cm — Water temperature: 14.2°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	5.4	pH	GE
0	Specific conductance	19	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	1,100	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	51	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	300	µg/L	GE
2	Manganese	56	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	480	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,700	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,200	µg/L	GE
0	Sulfate	5,150	µg/L	GE
0	Total dissolved solids	14,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	28	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total activity	5.4E-06±1.3E-06	µCi/mL	EM
0	Tritium	4.4E-06±4.0E-07	µCi/mL	GE

WELL SSS 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/91 — Time: 15:40
Depth to water: 50.78 ft (15.48 m) below TOC — pH: 5.1
Water elevation: 189.22 ft (57.67 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 25 µS/cm — Water temperature: 16.4°C
Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,100	µg/L	GE
0	Chloride	2,800	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	68	µg/L	GE
0	Lead	<3.0	µg/L	GE

ANALYTICAL RESULTS

WELL SSS 5 collected on 03/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Magnesium	420	µg/L	GE
0	Manganese	2.9	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	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	7,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,000	µg/L	GE
0	Sulfate	1,530	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	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.9E-09±2.7E-09	µCi/mL	GE
0	Tritium	4.7E-08±4.0E-07	µCi/mL	GE

WELL SSS 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/10/91 Time: 11:20
Depth to water: 36.12 ft (11.01 m) below TOC pH: 4.9
Water elevation: 177.28 ft (54.04 m) msl Alkalinity ($CaCO_3$): 13 mg/L
Sp. conductance: 64 µS/cm Water temperature: 15.2°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	5.3	pH	GE
0	Specific conductance	15	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	8.6	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	910	µg/L	GE
0	Chloride	2,330	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	54	µg/L	GE
1	Lead	31	µg/L	GE
0	Magnesium	510	µg/L	GE
0	Manganese	10	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	<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	1,800	µg/L	GE
0	Sulfate	3,200	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Gross alpha	4.4E-09±2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.6E-09±1.9E-09	µCi/mL	GE
0	Total activity	7.0E-06±1.4E-06	µCi/mL	EM
2	Total radium	1.0E-08±4.3E-09	µCi/mL	GE
0	Tritium	5.2E-06	µCi/mL	GE

WELL SSS 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/03/91 Time: 11:40
Inaccessibility or pump failure prevented sample collection.

WELL SSS 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/03/91 Time: 11:45
Inaccessibility or pump failure prevented sample collection.

WELL SSS 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/03/91 Time: 11:50
Inaccessibility or pump failure prevented sample collection.

WELL SSS 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/91 Time: 11:50
Depth to water: 74.17 ft (22.61 m) below TOC pH: 4.7
Water elevation: 237.43 ft (72.37 m) msl Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 113 µS/cm Water temperature: 17.3°C
Water evacuated before sampling: 3 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	3.8	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,100	µg/L	GE
0	Chloride	4,730	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	100	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,300	µg/L	GE
2	Manganese	180	µg/L	GE
2	Manganese	178	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	4,160	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,700	µg/L	GF
0	Silver	<2.0	µg/L	GE
0	Sodium	5,800	µg/L	GE
0	Sulfate	3,860	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	2.1E-09±1.7E-09	µCi/mL	GE
0	Nonvolatile beta	2.2E-09±2.5E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	2.4E-06±3.0E-07	µCi/mL	GE

WELL SSS 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/91 Time: 12:30
The well was dry.

WELL SSS 12

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/91 Time: 12:40
The well was dry.

WELL SSS 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/10/91 Time: 12:25
Depth to water: 18.03 ft (5.50 m) below TOC pH: 4.6
Water elevation: 204.67 ft (62.38 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 30 µS/cm Water temperature: 17.6°C
Water evacuated before sampling: 11 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	6.0	µg/L	GE

WELL SSS 17 collected on 03/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	210	µg/L	GE
0	Chloride	2,270	µg/L	GE
0	Chromium	4.0	µg/L	GE
0	Copper	6.3	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
2	Iron	530	µg/L	GE
0	Iron	<4.0	µg/L	GE
2	Iron	602	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	330	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	380	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	5,300	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	980	µg/L	GE
0	Sulfate	3,550	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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	2.2E-06±3.0E-07	µCi/mL	GE

WELL SSS 19

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/10/91 Time: 10:50
Depth to water: 52.07 ft (15.87 m) below TOC pH: 4.8
Water elevation: 178.13 ft (54.29 m) msl Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 20 µS/cm Water temperature: 15.8°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	11	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	600	µg/L	GE
0	Chloride	1,680	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Fluoride	420	µg/L	GE
0	Iron	48	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	270	µg/L	GE
0	Manganese	8.5	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Nitrate as nitrogen	120	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,300	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	Total dissolved solids	10,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	35	µg/L	GE
2	Total phosphates (as P)	560	µg/L	GE
0	Total activity	4.6E-06±1.4E-06	µCi/mL	EM
0	Tritium	1.6E-06±3.0E-07	µCi/mL	GE

WELL SSS 20

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/10/91 Time: 10:30
Depth to water: 74.89 ft (22.83 m) below TOC pH: 4.7
Water elevation: 178.11 ft (54.29 m) msl Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 37 µS/cm Water temperature: 14.8°C
Water evacuated before sampling: 1 gal
There was insufficient water to fill all or some sample bottles.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Total organic halogens	<5.0	µg/L	GE
0	Total activity	6.3E-06±1.3E-06	µCi/mL	EM

WELL SSS 21

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/91 Time: 16:55
The well was dry.

WELL SSS 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/91 Time: 14:05
Depth to water: 50.55 ft (15.41 m) below TOC pH: 4.5
Water elevation: 240.35 ft (73.26 m) msl Alkalinity ($CaCO_3$): 2 mg/L
Sp. conductance: 31 µS/cm Water temperature: 16.7°C
Water evacuated before sampling: 11 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	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	950	µg/L	GE
0	Chloride	1,230	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	51	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	570	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	1,470	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,900	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
1	Total radium	2.5E-09±3.2E-09	µCi/mL	GE
0	Tritium	3.2E-06±3.0E-07	µCi/mL	GE

WELL SSS 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/91 Time: 13:15
Depth to water: 52.99 ft (16.15 m) below TOC pH: 4.7
Water elevation: 248.01 ft (75.59 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 31 µS/cm Water temperature: 17.5°C
Water evacuated before sampling: 8 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	13	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	7.3	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE

ANALYTICAL RESULTS

WELL SSS 23 collected on 03/09/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Calcium	770	µg/L	GE
0	Chloride	1,500	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	130	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	300	µg/L	GE
2	Manganese	66	µg/L	GE
2	Manganese	69	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	590	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	6,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,200	µg/L	GE
0	Sulfate	1,680	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	13	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	2.9E-09±1.6E-09	µCi/mL	GE
0	Nonvolatile beta	2.9E-09±2.8E-09	µCi/mL	GE
0	Total radium	2.3E-09±2.8E-09	µCi/mL	GE
0	Tritium	1.7E-06±3.0E-07	µCi/mL	GE

WELL SSS 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/09/91 Time: 12:55
The well was dry.

WELL SSS 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/10/91 Time: 13:55
Depth to water: 5.58 ft (1.70 m) below TOC pH: 6.1
Water elevation: 197.61 ft (60.23 m) msl Alkalinity ($CaCO_3$): 116 mg/L
Sp. conductance: 113 µS/cm Water temperature: 17.4°C
Water evacuated before sampling: 18 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	68	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	41	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,800	µg/L	GE
0	Chloride	6,700	µg/L	GE
0	Chromium	4.8	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	5,600	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,000	µg/L	GE
2	Manganese	480	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	840	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	1,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	8,600	µg/L	GE
0	Sulfate	5,580	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	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	3.8E-06±3.0E-07	µCi/mL	GE

WELL SSS 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/10/91 Time: 13:20
Depth to water: 18.92 ft (5.77 m) below TOC pH: 4.7
Water elevation: 195.68 ft (59.64 m) msl Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 84 µS/cm Water temperature: 17.3°C
Water evacuated before sampling: 11 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.2	pH	GE
0	Specific conductance	40	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	<3.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	330	µg/L	GE
0	Chloride	5,900	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	96	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	370	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	510	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	3,800	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	7,300	µg/L	GE
0	Sulfate	9,020	µg/L	GE
0	Total dissolved solids	32,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	58	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	4.3E-06±3.0E-07	µCi/mL	GE

WELL SSS 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/10/91 Time: 14:35
Depth to water: 35.57 ft (10.84 m) below TOC pH: 4.2
Water elevation: 178.23 ft (54.33 m) msl Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 25 µS/cm Water temperature: 17.7°C
Water evacuated before sampling: 11 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	GE
0	Specific conductance	17	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	4.9	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	340	µg/L	GE
0	Chloride	1,620	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	89	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	490	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	1,050	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	4,600	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,800	µg/L	GE
0	Sulfate	4,570	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.3E-09±2.7E-09	µCi/mL	GE
1	Total radium	2.8E-09±3.0E-09	µCi/mL	GE

WELL SSS 27 collected on 03/10/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tritium	1.7E-06±3.0E-07	µCi/mL	GE

WELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91 — Time: 15:15
Depth to water: 49.71 ft (15.15 m) below TOC — pH: 5.4
Water elevation: 101.49 ft (30.93 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 131 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.8	pH	GE
0	Specific conductance	120	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	130	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	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	4,300	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	5,150	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	5.2	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	36	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	3,100	µg/L	GE
2	Manganese	110	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nitrate as nitrogen	8,860	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	13,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,900	µg/L	GE
0	Sulfate	1,650	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	13	µg/L	GE
0	Total dissolved solids	122,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic halogens	59	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	56	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09±2.7E-09	µCi/mL	GE
2	Total radium	1.2E-08±4.7E-09	µCi/mL	GE
0	Tritium	4.3E-06±3.0E-07	µCi/mL	GE

WELL TBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91 — Time: 15:15
Depth to water: 49.71 ft (15.15 m) below TOC — pH: 5.4
Water elevation: 101.49 ft (30.93 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 131 µS/cm — Water temperature: 19.8°C
Water evacuated before sampling: 33 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	138	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	120	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	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	4,000	µg/L	GE
2	Carbon tetrachloride	10	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	4.5	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	32	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	2,900	µg/L	GE
2	Manganese	100	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nitrate as nitrogen	8,920	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,600	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	9,200	µg/L	GE
0	Sulfate	7,880	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	17	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	34	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	56	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±2.8E-09	µCi/mL	GE
2	Total radium	9.8E-09±4.3E-09	µCi/mL	GE
0	Tritium	4.3E-06±4.0E-07	µCi/mL	GE

WELL TBG 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91 — Time: 9:50
Depth to water: 47.37 ft (14.44 m) below TOC — pH: 4.4
Water elevation: 103.83 ft (31.65 m) msl — Alkalinity ($CaCO_3$): 0 mg/L
Sp. conductance: 166 µS/cm — Water temperature: 16.3°C
Water evacuated before sampling: 9 gal
The well went dry during purging

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.6	pH	GE
0	Specific conductance	239	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	150	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE

ANALYTICAL RESULTS

WELL TBG 3 collected on 03/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,300	µg/L	GE
2	Carbon tetrachloride	580	µg/L	GE
0	Chloride	3,330	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	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	160	µg/L	GE
0	Iron	28	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	3,100	µg/L	GE
2	Manganese	410	µg/L	GE
0	Mercury	0.38	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
2	Nitrate as nitrogen	25,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	14,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	19,000	µg/L	GE
0	Sulfate	2,560	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	9.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	154,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	444	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	2.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	412	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	4.9E-09±2.4E-09	µCi/mL	GE
0	Nonvolatile beta	1.3E-08±3.7E-09	µCi/mL	GE
2	Total radium	2.4E-08±7.0E-09	µCi/mL	GE
0	Tritium	3.1E-06±3.0E-07	µCi/mL	GE

WELL TBG 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91
Depth to water: 48.08 ft (14.65 m) below TOC
Water elevation: 103.22 ft (31.46 m) msl
Sp. conductance: 363 µS/cm
Water evacuated before sampling: 52 gal
Time: 17:00
pH: 4.1
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 18.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.3	pH	GE
1	Specific conductance	387	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	250	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	7,400	µg/L	GE
2	Carbon tetrachloride	270	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	4.8	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

WELL TBG 4 collected on 03/15/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	270	µg/L	GE
0	Iron	50	µg/L	GE
0	Lead	<3.0	µg/L	GE
1	Magnesium	8,000	µg/L	GE
2	Manganese	420	µg/L	GE
2	Mercury	3.7	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
2	Nitrate as nitrogen	43,200	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	3,100	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	12,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
1	Sodium	35,000	µg/L	GE
0	Sulfate	24,900	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	31	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	496	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	92	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
1	Gross alpha	1.3E-08±5.3E-09	µCi/mL	GE
1	Nonvolatile beta	2.8E-08±7.4E-09	µCi/mL	GE
2	Total radium	3.8E-08±9.2E-09	µCi/mL	GE
0	Tritium	3.8E-06±3.0E-07	µCi/mL	GE

WELL TBG 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91
Depth to water: 45.47 ft (13.86 m) below TOC
Water elevation: 103.93 ft (31.68 m) msl
Sp. conductance: 109 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.
Time: 10:45
pH: 5.4
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 17.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.6	pH	GE
0	Specific conductance	100	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	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	6,100	µg/L	GE
0	Carbon tetrachloride	2.0	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	120	µg/L	GE
0	Iron	80	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	1,200	µg/L	GE
1	Manganese	28	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
1	Nitrate as nitrogen	6,910	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,600	µg/L	GE

WELL TBG 5 collected on 03/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	11,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	6,100	µg/L	GE
0	Sulfate	13,800	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 organic carbon	<1,000	µg/L	GE
2	Total organic halogens	2,810	µg/L	GE
0	Total phosphates (as P)	120	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
2	Trichloroethylene	1,100	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±2.9E-09	µCi/mL	GE
1	Total radium	2.8E-09±3.9E-09	µCi/mL	GE
0	Tritium	5.7E-06±4.0E-07	µCi/mL	GE

WELL TBG 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91
Depth to water: 45.40 ft (13.84 m) below TOC
Water elevation: 104.00 ft (31.70 m) msl
Sp. conductance: 37 µS/cm
Water evacuated before sampling: 152 gal

Time: 11:15
pH: 4.8
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 16.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.1	pH	GE
0	Specific conductance	32	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	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	1,800	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	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxy acetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	50	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	360	µg/L	GE
2	Manganese	63	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	840	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	740	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,200	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	2,600	µg/L	GE
0	Sulfate	5,650	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	43,000	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)	60	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	2.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE

WELL TBG 5A collected on 03/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	1.1E-09±3.7E-09	µCi/mL	GE
0	Tritium	5.1E-06±4.0E-07	µCi/mL	GE

WELL TBG 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91
Depth to water: 33.82 ft (10.25 m) below TOC
Water elevation: 116.38 ft (35.47 m) msl
Sp. conductance: 30 µS/cm
Water evacuated before sampling: 122 gal

Time: 11:45
pH: 5.3
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 17.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	31	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	16	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	2,600	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	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	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	1,300	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	650	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,000	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	24,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,200	µg/L	GE
0	Sulfate	6,350	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	24,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	18	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.1E-09±2.7E-09	µCi/mL	GE
0	Total radium	1.6E-09±3.7E-09	µCi/mL	GE
0	Tritium	7.0E-07	µCi/mL	GE

ANALYTICAL RESULTS

WELL TBG 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 — Time: 12:30
Depth to water: 44.19 ft (13.47 m) below TOC — pH: 5.0
Water elevation: 103.91 ft (31.67 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 177 µS/cm — Water temperature: 17.4°C
Water evacuated before sampling: 14 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	GE
0	Specific conductance	198	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	110	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	13,000	µg/L	GE
2	Carbon tetrachloride	9.0	µg/L	GE
0	Chloride	4,610	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	8.1	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	210	µg/L	GE
2	Iron	530	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	3,400	µg/L	GE
2	Manganese	160	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
2	Nitrate as nitrogen	19,400	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	2,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	15,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	11,000	µg/L	GE
0	Sulfate	5,040	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	62,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
2	Total organic halogens	2,500	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
2	Trichloroethylene	2,550	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	4.1E-09 ± 2.1E-09	µCi/mL	GE
0	Nonvolatile beta	6.8E-09 ± 3.1E-09	µCi/mL	GE
2	Total radium	1.2E-08 ± 6.5E-09	µCi/mL	GE
0	Tritium	5.4E-06 ± 4.0E-07	µCi/mL	GE

WELL TBG 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91 — Time: 13:20
Depth to water: 39.58 ft (12.06 m) below TOC — pH: 6.0
Water elevation: 107.22 ft (32.68 m) msl — Alkalinity ($CaCO_3$): 10 mg/L
Sp. conductance: 51 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 59 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.5	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	Lindane	<0.0050	µg/L	GE

WELL TBG 7 collected on 03/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,900	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	2,400	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	4.5	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0080	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	91	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	550	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	1,250	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	900	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	3,200	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	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	17	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.2E-09 ± 3.9E-09	µCi/mL	GE
0	Tritium	3.5E-06 ± 3.0E-07	µCi/mL	GE

WELL TNX 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 — Time: 13:10
Depth to water: 56.33 ft (17.17 m) below TOC — pH: 6.5
Water elevation: 100.17 ft (30.53 m) msl — Alkalinity ($CaCO_3$): 17 mg/L
Sp. conductance: 47 µS/cm — Water temperature: 20.5°C
Water evacuated before sampling: 54 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	IT
0	Specific conductance	50	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	12	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	0.25	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	4,000	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,350	µg/L	IT
0	Chloride	2,320	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT

WELL TNX 1D collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
2	Endrin	0.58	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	27	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	524	µg/L	IT
1	Manganese	31	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	639	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	10,200	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	3,530	µg/L	IT
0	Sulfate	2,100	µg/L	IT
0	Sulfate	2,100	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
1	Tetrachloroethylene	BJ 3.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	48,000	µg/L	IT
0	Total organic carbon	2,740	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	84	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
1	Americium-241	2.1E-09±5.0E-10	µCi/mL	IT
0	Americium-241	<5.2E-09±9.0E-10	µCi/mL	IT
0	Antimony-125	<3.2E-08	µCi/mL	IT
0	Antimony-125	<5.1E-08	µCi/mL	IT
0	Cerium-141	<4.0E-09	µCi/mL	IT
0	Cerium-141	<5.8E-09	µCi/mL	IT
0	Cerium-144	<1.0E-07	µCi/mL	IT
0	Cerium-144	<1.5E-07	µCi/mL	IT
0	Cesium-134	<2.2E-08	µCi/mL	IT
0	Cesium-134	<3.4E-08	µCi/mL	IT
0	Cesium-137	<4.7E-09	µCi/mL	IT
0	Cesium-137	<7.1E-09	µCi/mL	IT
0	Cobalt-58	<4.8E-09	µCi/mL	IT
0	Cobalt-58	<6.9E-09	µCi/mL	IT
0	Cobalt-60	<6.4E-09	µCi/mL	IT
0	Cobalt-60	<9.2E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<4.6E-09	µCi/mL	IT
0	Manganese-54	<6.9E-09	µCi/mL	IT
0	Niobium-95	<4.5E-09	µCi/mL	IT
0	Niobium-95	<6.8E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
2	Radium-226	2.2E-08±3.0E-09	µCi/mL	IT
0	Radium-226	<1.9E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<6.9E-08	µCi/mL	IT
0	Radium-228	<1.1E-07	µCi/mL	IT
0	Ruthenium-103	<4.0E-09	µCi/mL	IT
0	Ruthenium-103	<5.8E-09	µCi/mL	IT
0	Ruthenium-106	<3.6E-08	µCi/mL	IT
0	Ruthenium-106	<5.2E-08	µCi/mL	IT
0	Sodium-22	<6.2E-09	µCi/mL	IT
0	Sodium-22	<9.1E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
2	Thorium-232	1.3E-08±2.0E-09	µCi/mL	IT
0	Thorium-232	<8.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-234	1.1E-09±4.0E-10	µCi/mL	IT
0	Uranium-235	<1.7E-08	µCi/mL	IT
0	Uranium-235	<2.6E-08	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.4E-07±5.0E-08	µCi/mL	IT
2	Uranium-238	3.9E-07±4.0E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Uranium-238	1.0E-09±4.0E-10	µCi/mL	IT
0	Zinc-65	<1.1E-08	µCi/mL	IT

WELL TNX 1D collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Zinc-65	<1.7E-08	µCi/mL	IT
0	Zirconium-95	<1.0E-08	µCi/mL	IT
0	Zirconium-95	<1.6E-08	µCi/mL	IT

WELL TNX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91
Depth to water: 55.24 ft (16.84 m) below TOC
Water elevation: 99.88 ft (30.44 m) msl
Sp. conductance: 103 µS/cm
Water evacuated before sampling: 45 gal
Time: 14:15
pH: 6.2
Alkalinity ($CaCO_3$): 18 mg/L
Water temperature: 21.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	pH	6.2	pH	IT
0	Specific conductance	111	µS/cm	GE
0	Specific conductance	104	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	30	µg/L	GE
0	Barium	30	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	0.28	µg/L	IT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	7,900	µg/L	GE
0	Calcium	7,640	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	5,280	µg/L	GE
0	Chloride	5,640	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	4.1	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
1	Dichloromethane (Methylene chloride)	4.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
2	Endrin	0.63	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	80	µg/L	GE
0	Iron	26	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	1,000	µg/L	GE
0	Magnesium	914	µg/L	IT
2	Manganese	120	µg/L	GE
2	Manganese	115	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT

ANALYTICAL RESULTS

WELL TNX 2D collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Nitrate as nitrogen	2,970	µg/L	GE
0	Nitrate as nitrogen	3,000	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,400	µg/L	GE
0	Potassium	1,560	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	IT
0	Silica	13,000	µg/L	GE
0	Silica	11,700	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT
0	Sodium	8,300	µg/L	GE
0	Sodium	7,530	µg/L	IT
0	Sulfate	2,980	µg/L	GE
0	Sulfate	3,160	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	77,000	µg/L	GE
0	Total dissolved solids	89,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	3,280	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	9.3	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
1	Total phosphates (as P)	380	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
1	Trichloroethylene	3.0	µg/L	GE
1	Trichloroethylene	J 3.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
2	Americium-241	1.5E-08 ±2.0E-09	µCi/mL	IT
0	Antimony-125	<4.2E-08	µCi/mL	IT
0	Cerium-141	<7.6E-09	µCi/mL	IT
0	Cerium-144	<3.6E-07	µCi/mL	IT
0	Cesium-134	<3.0E-08	µCi/mL	IT
0	Cesium-137	<5.3E-09	µCi/mL	IT
0	Cobalt-58	<5.1E-09	µCi/mL	IT
0	Cobalt-60	<6.7E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	6.1E-09 ±2.3E-09	µCi/mL	IT
0	Manganese-54	<5.3E-09	µCi/mL	IT
0	Niobium-95	<5.3E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-06	µCi/mL	GE
0	Nonvolatile beta	7.2E-09 ±3.7E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.8E-09 ±5.0E-10	µCi/mL	IT
0	Radium-226	<2.0E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<9.5E-08	µCi/mL	IT
0	Ruthenium-103	<5.4E-09	µCi/mL	IT
0	Ruthenium-106	<4.7E-08	µCi/mL	IT
0	Sodium-22	<5.8E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<8.1E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
1	Total radium	2.6E-09 ±2.9E-09	µCi/mL	GE
0	Tritium	2.6E-06 ±3.0E-07	µCi/mL	GE
1	Tritium	1.5E-05 ±2.0E-06	µCi/mL	IT
0	Uranium-234	1.4E-09 ±4.0E-10	µCi/mL	IT
0	Uranium-235	<3.5E-08	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-238	<2.6E-07	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Zinc-65	<1.4E-08	µCi/mL	IT
0	Zirconium-95	<1.2E-08	µCi/mL	IT

WELL TNX 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/07/91 Time: 14:15
Depth to water: 55.24 ft (16.84 m) below TOC pH: 8.2
Water elevation: 99.86 ft (30.44 m) msl Alkalinity ($CaCO_3$): 18 mg/L
Sp. conductance: 103 µS/cm Water temperature: 21.0°C
Water evacuated before sampling: 45 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.4	pH	GE
0	pH	6.3	pH	IT
0	Specific conductance	120	µS/cm	GE
0	Specific conductance	106	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	31	µg/L	GE
0	Barium	28	µg/L	IT
0	Benzene	<1.0	µg/L	GE
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	0.28	µg/L	IT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	8,300	µg/L	GE
0	Calcium	8,270	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	5,180	µg/L	GE
0	Chloride	5,450	µg/L	IT
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	4.1	µg/L	GE
0	Chromium	13	µg/L	IT
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	2.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
2	Endrin	0.58	µg/L	IT
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	41	µg/L	GE
2	Iron	722	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	4.9	µg/L	IT
0	Magnesium	1,100	µg/L	GE
0	Magnesium	764	µg/L	IT
2	Manganese	120	µg/L	GE
2	Manganese	94	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,850	µg/L	GE
0	Nitrate as nitrogen	3,000	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,600	µg/L	GE
0	Potassium	1,510	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	IT

WELL TNX 2D collected on 03/07/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Silica	14,000	µg/L	GE
0	Silica	11,500	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT
0	Sodium	8,500	µg/L	GE
0	Sodium	6,420	µg/L	IT
0	Sulfate	2,590	µg/L	GE
0	Sulfate	3,220	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<1.0	µg/L	GE
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	78,000	µg/L	GE
0	Total dissolved solids	99,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	2,170	µg/L	IT
0	Total organic carbon	2,200	µg/L	IT
0	Total organic halogens	6.0	µg/L	GE
0	Total organic halogens	27	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
1	Total phosphates (as P)	294	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
1	Trichloroethylene	3.0	µg/L	GE
0	Trichloroethylene	J 2.0	µg/L	IT
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<10	µg/L	IT
1	Americium-241	3.3E-09±6.0E-10	µCi/mL	IT
0	Antimony-125	<5.3E-08	µCi/mL	IT
0	Cerium-141	<9.7E-09	µCi/mL	IT
0	Cerium-144	<4.7E-07	µCi/mL	IT
0	Cesium-134	<3.8E-08	µCi/mL	IT
0	Cesium-137	<6.8E-09	µCi/mL	IT
0	Cobalt-58	<7.4E-09	µCi/mL	IT
0	Cobalt-60	<8.7E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
1	Gross alpha	8.2E-09±2.8E-09	µCi/mL	IT
0	Manganese-54	<6.4E-09	µCi/mL	IT
0	Niobium-95	<7.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	9.4E-09±3.8E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	1.3E-09±5.0E-10	µCi/mL	IT
0	Radium-226	1.6E-09±5.0E-10	µCi/mL	IT
0	Radium-226	<2.6E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<1.3E-07	µCi/mL	IT
0	Ruthenium-103	<7.0E-09	µCi/mL	IT
0	Ruthenium-106	<6.2E-08	µCi/mL	IT
0	Sodium-22	<8.8E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.1E-08	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
1	Total radium	3.7E-09±3.2E-09	µCi/mL	GE
0	Tritium	2.6E-06±3.0E-07	µCi/mL	GE
0	Tritium	1.8E-06±2.0E-07	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<4.4E-08	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-238	<3.4E-07	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Zinc-65	<1.8E-08	µCi/mL	IT
0	Zirconium-95	<1.6E-08	µCi/mL	IT

WELL TNX 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/91
Depth to water: 53.86 ft (16.42 m) below TOC
Water elevation: 100.44 ft (30.61 m) msl
Sp. conductance: 92 µS/cm
Water evacuated before sampling: 10 gal
The well went dry during purging.

Time: 14:50
pH: 5.6
Alkalinity ($CaCO_3$): 5 mg/L
Water temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	IT
0	Specific conductance	103	µS/cm	IT
0	Specific conductance	101	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	38	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	0.27	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT

WELL TNX 3D collected on 03/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	3,580	µg/L	IT
2	Carbon tetrachloride	34	µg/L	IT
0	Chloride	3,680	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	J 2.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
2	cis-1,3-Dichloropropene	83	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
2	Endrin	0.51	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	27	µg/L	IT
0	Lead	3.4	µg/L	IT
0	Magnesium	898	µg/L	IT
2	Manganese	177	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
1	Nitrate as nitrogen	6,610	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,870	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	8,520	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	10,000	µg/L	IT
0	Sulfate	2,100	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	8.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	83,000	µg/L	IT
0	Total dissolved solids	87,000	µg/L	IT
0	Total organic carbon	1,450	µg/L	IT
2	Total organic halogens	125	µg/L	IT
2	Total organic halogens	146	µg/L	IT
0	Total phosphates (as P)	51	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	140	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
2	Americium-241	5.6E-09±8.0E-10	µCi/mL	IT
0	Antimony-125	<1.7E-08	µCi/mL	IT
0	Cerium-141	<1.2E-08	µCi/mL	IT
0	Cerium-144	<3.0E-08	µCi/mL	IT
0	Cesium-134	<8.9E-09	µCi/mL	IT
0	Cesium-137	<7.4E-09	µCi/mL	IT
0	Cobalt-58	<1.1E-08	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<7.9E-09	µCi/mL	IT
0	Niobium-95	<1.2E-08	µCi/mL	IT
1	Nonvolatile beta	2.8E-08±4.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
2	Radium-226	2.9E-08±3.0E-09	µCi/mL	IT
1	Radium-226	2.3E-09±5.0E-10	µCi/mL	IT
0	Radium-228	<3.3E-08	µCi/mL	IT
0	Radium-228	1.4E-09±5.0E-10	µCi/mL	IT
0	Ruthenium-103	<1.0E-08	µCi/mL	IT
0	Ruthenium-106	<6.2E-08	µCi/mL	IT
0	Sodium-22	<1.0E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<8.7E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Tritium	3.4E-06±4.0E-07	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.0E-08	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.6E-07±5.0E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Zinc-65	<2.0E-08	µCi/mL	IT
0	Zirconium-95	<2.3E-08	µCi/mL	IT

ANALYTICAL RESULTS

WELL TNX 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/91 — Time: 15:10
Depth to water: 46.33 ft (14.12 m) below TOC — pH: 5.4
Water elevation: 103.47 ft (31.54 m) msl — Alkalinity ($CaCO_3$): 3 mg/L
Sp. conductance: 51 µS/cm — Water temperature: 15.2°C
Water evacuated before sampling: 8 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	58	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	17	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	0.14	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,880	µg/L	IT
2	Carbon tetrachloride	8.0	µg/L	IT
0	Chloride	3,340	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
2	Endrin	0.27	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	250	µg/L	IT
0	Iron	43	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	861	µg/L	IT
0	Manganese	21	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	3,140	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,450	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	10,500	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	5,860	µg/L	IT
0	Sulfate	2,070	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
2	Tetrachloroethylene	6.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	62,000	µg/L	IT
0	Total organic carbon	3,030	µg/L	IT
0	Total organic halogens	17	µg/L	IT
2	Total phosphates (as P)	990	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
1	Trichloroethylene	J 4.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<2.2E-08	µCi/mL	IT
0	Cerium-141	<1.2E-08	µCi/mL	IT
0	Cerium-144	<5.9E-08	µCi/mL	IT
0	Cesium-134	<8.0E-09	µCi/mL	IT
0	Cesium-137	<9.2E-09	µCi/mL	IT
0	Cobalt-58	<8.3E-09	µCi/mL	IT
0	Cobalt-60	<1.0E-08	µCi/mL	IT
1	Gross alpha	9.6E-09±3.7E-09	µCi/mL	IT
0	Manganese-54	<8.6E-09	µCi/mL	IT
0	Niobium-95	<1.0E-08	µCi/mL	IT
0	Nonvolatile beta	1.2E-08±4.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
2	Radium-226	4.3E-09±7.0E-10	µCi/mL	IT
0	Radium-226	<1.7E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<3.8E-08	µCi/mL	IT
0	Ruthenium-103	<8.5E-09	µCi/mL	IT
0	Ruthenium-106	<7.6E-08	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.3E-08	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT

WELL TNX 4D collected on 03/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tritium	9.3E-06±1.0E-06	µCi/mL	IT
0	Uranium-234	2.1E-09±6.0E-10	µCi/mL	IT
0	Uranium-235	<1.0E-08	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.4E-07	µCi/mL	IT
0	Uranium-238	1.3E-09±4.0E-10	µCi/mL	IT
0	Zinc-65	<2.1E-08	µCi/mL	IT
0	Zirconium-95	<2.0E-08	µCi/mL	IT

WELL TNX 5D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/91 — Time: 15:25
Depth to water: 43.71 ft (13.32 m) below TOC — pH: 5.1
Water elevation: 105.59 ft (32.18 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 117 µS/cm — Water temperature: 15.2°C
Water evacuated before sampling: 7 gal
The well went dry during purging.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.3	pH	IT
0	Specific conductance	123	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	28	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	0.21	µg/L	IT
0	Bromide	410	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	6,010	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	5,680	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
2	Endrin	0.47	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	28	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	1,120	µg/L	IT
1	Manganese	33	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
1	Nitrate as nitrogen	6,670	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,580	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	10,500	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	9,930	µg/L	IT
0	Sulfate	12,400	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	91,000	µg/L	IT
0	Total organic carbon	1,850	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	116	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<1.7E-08	µCi/mL	IT
0	Cerium-141	<7.0E-09	µCi/mL	IT
0	Cerium-144	<3.0E-08	µCi/mL	IT
0	Cesium-134	<9.5E-09	µCi/mL	IT
0	Cesium-137	<7.8E-09	µCi/mL	IT
0	Cobalt-58	<8.2E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<8.5E-09	µCi/mL	IT
0	Niobium-95	<8.2E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT

WELL TNX 5D collected on 03/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
1	Radium-226	2.5E-09±5.0E-10	µCi/mL	IT
0	Radium-226	<1.4E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<3.0E-08	µCi/mL	IT
0	Ruthenium-103	<6.8E-09	µCi/mL	IT
0	Ruthenium-106	<6.2E-08	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.8E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Tritium	2.3E-06±3.0E-07	µCi/mL	IT
0	Tritium	2.2E-06±3.0E-07	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.3E-08	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.3E-07±5.0E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Zinc-65	<2.1E-08	µCi/mL	IT
0	Zirconium-95	<1.9E-08	µCi/mL	IT

WELL TNX 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/91
Depth to water: 44.41 ft (13.54 m) below TOC
Water elevation: 106.09 ft (32.34 m) msl
Sp. conductance: 132 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 16:15
pH: 5.5
Alkalinity ($CaCO_3$): 15 mg/L
Water temperature: 16.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	IT
0	Specific conductance	135	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	18	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	0.20	µg/L	IT
0	Bromide	1,570	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	7,970	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	9,110	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
2	Endrin	0.45	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	54	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	928	µg/L	IT
1	Manganese	28	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,920	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,110	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	8,860	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	15,900	µg/L	IT
0	Sulfate	19,800	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	101,000	µg/L	IT
0	Total organic carbon	2,000	µg/L	IT
0	Total organic halogens	9.8	µg/L	IT
1	Total phosphates (as P)	260	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT

WELL TNX 6D collected on 03/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<2.6E-08	µCi/mL	IT
0	Cerium-141	<1.4E-08	µCi/mL	IT
0	Cerium-144	<6.3E-08	µCi/mL	IT
0	Cesium-134	<1.1E-08	µCi/mL	IT
0	Cesium-137	<9.9E-09	µCi/mL	IT
0	Cobalt-58	<8.7E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	1.4E-09±1.3E-09	µCi/mL	IT
0	Manganese-54	<9.9E-09	µCi/mL	IT
0	Niobium-95	<9.2E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.7E-09±5.0E-10	µCi/mL	IT
0	Radium-226	<1.8E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<4.2E-08	µCi/mL	IT
0	Ruthenium-103	<9.7E-09	µCi/mL	IT
0	Ruthenium-106	<8.3E-08	µCi/mL	IT
0	Sodium-22	<1.3E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.5E-08	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Tritium	2.2E-06±3.0E-07	µCi/mL	IT
0	Uranium-235	<1.2E-08	µCi/mL	IT
0	Uranium-238	<1.5E-07	µCi/mL	IT
0	Zinc-65	<2.5E-08	µCi/mL	IT
0	Zirconium-95	<2.5E-08	µCi/mL	IT

WELL TNX 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/91
Depth to water: 48.98 ft (14.93 m) below TOC
Water elevation: 101.92 ft (31.07 m) msl
Sp. conductance: 57 µS/cm
Water evacuated before sampling: 48 gal

Time: 10:30
pH: 5.6
Alkalinity ($CaCO_3$) 7 mg/L
Water temperature 18.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	IT
0	Specific conductance	59	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	11	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	0.23	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,830	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,110	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
2	Endrin	0.49	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	121	µg/L	IT
0	Lead	2.3	µg/L	IT
0	Magnesium	386	µg/L	IT
0	Manganese	11	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	120	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	984	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	12,200	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	7,080	µg/L	IT
0	Sulfate	7,930	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT

ANALYTICAL RESULTS

WELL TNX 7D collected on 03/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	51,000	µg/L	IT
0	Total organic carbon	1,730	µg/L	IT
0	Total organic halogens	7.2	µg/L	IT
0	Total phosphates (as P)	55	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Americium-241	1.8E-09±4.0E-10	µCi/mL	IT
0	Antimony-125	<1.8E-08	µCi/mL	IT
0	Cerium-141	<6.9E-09	µCi/mL	IT
0	Cerium-144	<3.1E-08	µCi/mL	IT
0	Cesium-134	<1.0E-08	µCi/mL	IT
0	Cesium-137	<8.7E-09	µCi/mL	IT
0	Cobalt-58	<8.8E-09	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Gross alpha	<3.0E-09	µCi/mL	IT
0	Manganese-54	<8.4E-09	µCi/mL	IT
0	Niobium-95	<8.2E-09	µCi/mL	IT
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Nonvolatile beta	<8.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
2	Radium-226	2.4E-08±3.0E-09	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<3.2E-08	µCi/mL	IT
0	Ruthenium-103	<7.0E-09	µCi/mL	IT
0	Ruthenium-106	<6.6E-08	µCi/mL	IT
0	Sodium-22	<1.0E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.6E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Tritium	1.1E-06±2.0E-07	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<3.1E-08	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
2	Uranium-238	4.8E-07±5.0E-08	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Zinc-65	<2.0E-08	µCi/mL	IT
0	Zirconium-95	<1.8E-08	µCi/mL	IT

WELL TNX 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/91 — Time: 11:25
Depth to water: 5.03 ft (1.53 m) below TOC — pH: 5.4
Water elevation: 95.27 ft (29.04 m) msl — Alkalinity ($CaCO_3$): 7 mg/L
Sp. conductance: 127 µS/cm — Water temperature: 14.4°C
Water evacuated before sampling: 56 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.4	pH	IT
0	Specific conductance	126	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	60	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	0.19	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5,390	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	4,860	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	6.0	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 1.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
2	Endrin	0.43	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT

WELL TNX 8D collected on 03/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
2	Iron	1,070	µg/L	IT
0	Lead	3.2	µg/L	IT
0	Magnesium	1,280	µg/L	IT
0	Manganese	17	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
1	Nitrate as nitrogen	8,810	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,480	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	13,600	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	13,300	µg/L	IT
0	Sulfate	5,520	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	101,000	µg/L	IT
0	Total organic carbon	1,910	µg/L	IT
0	Total organic halogens	11	µg/L	IT
0	Total phosphates (as P)	108	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<1.7E-08	µCi/mL	IT
0	Antimony-125	<2.9E-08	µCi/mL	IT
0	Cerium-141	<6.9E-09	µCi/mL	IT
0	Cerium-141	<1.5E-08	µCi/mL	IT
0	Cerium-144	<3.0E-08	µCi/mL	IT
0	Cerium-144	<8.5E-08	µCi/mL	IT
0	Cesium-134	<9.0E-09	µCi/mL	IT
0	Cesium-134	<1.5E-08	µCi/mL	IT
0	Cesium-137	<7.9E-09	µCi/mL	IT
0	Cesium-137	<1.2E-08	µCi/mL	IT
0	Cobalt-58	<8.0E-09	µCi/mL	IT
0	Cobalt-58	<1.4E-08	µCi/mL	IT
0	Cobalt-60	<1.1E-08	µCi/mL	IT
0	Cobalt-60	<1.6E-08	µCi/mL	IT
0	Gross alpha	<1.0E-09	µCi/mL	IT
0	Manganese-54	<8.2E-09	µCi/mL	IT
0	Manganese-54	<1.2E-08	µCi/mL	IT
0	Niobium-95	<7.5E-09	µCi/mL	IT
0	Niobium-95	<1.3E-08	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<2.2E-08	µCi/mL	IT
0	Radium-228	<2.3E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<3.0E-08	µCi/mL	IT
0	Radium-228	<5.5E-08	µCi/mL	IT
0	Ruthenium-103	<6.8E-09	µCi/mL	IT
0	Ruthenium-103	<1.1E-08	µCi/mL	IT
0	Ruthenium-106	<6.5E-08	µCi/mL	IT
0	Ruthenium-106	<1.2E-07	µCi/mL	IT
0	Sodium-22	<1.1E-08	µCi/mL	IT
0	Sodium-22	<1.6E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.4E-09	µCi/mL	IT
0	Thorium-232	<1.6E-08	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Tritium	3.3E-06±4.0E-07	µCi/mL	IT
0	Uranium-235	<3.1E-08	µCi/mL	IT
0	Uranium-235	<1.2E-08	µCi/mL	IT
2	Uranium-238	3.6E-07±4.0E-08	µCi/mL	IT
0	Uranium-238	<2.3E-07	µCi/mL	IT
0	Zinc-65	<1.9E-08	µCi/mL	IT
0	Zinc-65	<2.7E-08	µCi/mL	IT
0	Zirconium-95	<1.8E-08	µCi/mL	IT
0	Zirconium-95	<2.8E-08	µCi/mL	IT

WELL TNX 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/91 — Time: 12:05
Depth to water: 6.54 ft (1.99 m) below TOC — pH: 4.9
Water elevation: 95.16 ft (29.01 m) msl — Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 175 µS/cm — Water temperature: 16.2°C
Water evacuated before sampling: 52 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	4.9	pH	IT
0	Specific conductance	208	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	50	µg/L	IT
0	Benzene	<5.0	µg/L	IT

WELL TNX 9D collected on 03/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Lindane	0.26	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	8,380	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	5,460	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
2	Endrin	0.57	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	1,260	µg/L	IT
0	Lead	2.1	µg/L	IT
0	Magnesium	1,610	µg/L	IT
1	Manganese	37	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	2,220	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Phenols	5.2	µg/L	IT
0	Potassium	1,430	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	15,600	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	22,400	µg/L	IT
0	Sulfate	63,400	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	132,000	µg/L	IT
0	Total organic carbon	1,750	µg/L	IT
0	Total organic halogens	20	µg/L	IT
0	Total phosphates (as P)	45	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	6.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
1	Americium-241	2.2E-09±4.0E-10	µCi/mL	IT
0	Antimony-125	<2.1E-08	µCi/mL	IT
0	Cerium-141	<9.9E-09	µCi/mL	IT
0	Cerium-144	<4.3E-08	µCi/mL	IT
0	Cesium-134	<1.2E-08	µCi/mL	IT
0	Cesium-137	<1.0E-08	µCi/mL	IT
0	Cobalt-58	<9.6E-09	µCi/mL	IT
0	Cobalt-60	<1.3E-08	µCi/mL	IT
0	Gross alpha	3.9E-09±1.8E-09	µCi/mL	IT
0	Manganese-54	<9.1E-09	µCi/mL	IT
0	Niobium-95	<8.4E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.5E-09±5.0E-10	µCi/mL	IT
0	Radium-226	<1.7E-08	µCi/mL	IT
0	Radium-228	2.1E-09±6.0E-10	µCi/mL	IT
0	Radium-228	<3.6E-08	µCi/mL	IT
0	Ruthenium-103	<8.4E-09	µCi/mL	IT
0	Ruthenium-106	<7.4E-08	µCi/mL	IT
0	Sodium-22	<1.2E-08	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<1.2E-08	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Tritium	2.0E-06±2.0E-07	µCi/mL	IT
0	Uranium-234	<1.0E-09	µCi/mL	IT
0	Uranium-235	<9.0E-09	µCi/mL	IT
0	Uranium-235	<1.0E-09	µCi/mL	IT
0	Uranium-238	<1.1E-07	µCi/mL	IT
0	Uranium-238	<1.0E-09	µCi/mL	IT
0	Zinc-65	<2.4E-08	µCi/mL	IT
0	Zirconium-95	<2.1E-08	µCi/mL	IT

WELL TNX 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/91 Time: 12:45
Depth to water: 6.97 ft (2.12 m) below TOC pH: 4.9
Water elevation: 95.33 ft (29.06 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 125 µS/cm Water temperature: 13.9°C
Water evacuated before sampling: 48 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	IT
0	Specific conductance	159	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	126	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	0.23	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5,180	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	25,300	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	J 2.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
2	Endrin	0.53	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
1	Iron	168	µg/L	IT
0	Lead	2.3	µg/L	IT
0	Magnesium	2,340	µg/L	IT
0	Manganese	24	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	790	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	<500	µg/L	IT
0	Selenium	<2.0	µg/L	IT
1	Silica	25,000	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	19,600	µg/L	IT
0	Sulfate	20,900	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	117,000	µg/L	IT
1	Total organic carbon	5,600	µg/L	IT
0	Total organic halogens	27	µg/L	IT
0	Total phosphates (as P)	39	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	17	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<1.6E-08	µCi/mL	IT
0	Cerium-141	<9.0E-09	µCi/mL	IT
0	Cerium-144	<4.0E-08	µCi/mL	IT
0	Cesium-134	<7.4E-09	µCi/mL	IT
0	Cesium-137	<6.3E-09	µCi/mL	IT
0	Cobalt-58	<6.0E-09	µCi/mL	IT
0	Cobalt-60	<7.6E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<5.8E-09	µCi/mL	IT
0	Niobium-95	<6.6E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.0E-09±4.0E-10	µCi/mL	IT
0	Radium-226	<1.2E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<2.6E-08	µCi/mL	IT
0	Ruthenium-103	<6.2E-09	µCi/mL	IT
0	Ruthenium-106	<5.4E-08	µCi/mL	IT
0	Sodium-22	<7.5E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.1E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT

ANALYTICAL RESULTS

WELL TNX 10D collected on 03/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tritium	2.0E-06±2.0E-07	µCi/mL	IT
0	Uranium-235	<7.1E-09	µCi/mL	IT
0	Uranium-238	<9.4E-08	µCi/mL	IT
0	Zinc-65	<1.6E-08	µCi/mL	IT
0	Zirconium-95	<1.4E-08	µCi/mL	IT

WELL TNX 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/91
Depth to water: 4.63 ft (1.41 m) below TOC
Water elevation: 95.17 ft (29.01 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 58 gal
Time: 13:40
pH: 4.9
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 17.5°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.0	pH	IT
0	Specific conductance	55	µS/cm	IT
0	Arsenic	4.2	µg/L	IT
0	Barium	31	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	3,350	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	2,520	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	BJ 2.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	371	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	739	µg/L	IT
0	Manganese	24	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,160	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	16,800	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	3,510	µg/L	IT
0	Sulfate	15,000	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	53,000	µg/L	IT
0	Total organic carbon	1,710	µg/L	IT
0	Total organic halogens	8.9	µg/L	IT
0	Total phosphates (as P)	63	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
2	Trichloroethylene	9.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
1	Americium-241	2.7E-09±7.0E-10	µCi/mL	IT
0	Antimony-125	<1.1E-08	µCi/mL	IT
0	Cerium-141	<4.5E-09	µCi/mL	IT
0	Cerium-144	<1.9E-08	µCi/mL	IT
0	Cesium-134	<6.1E-09	µCi/mL	IT
0	Cesium-137	<5.3E-09	µCi/mL	IT
0	Cobalt-58	<5.7E-09	µCi/mL	IT
0	Cobalt-60	<7.2E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<5.3E-09	µCi/mL	IT
0	Niobium-95	<5.2E-09	µCi/mL	IT
0	Nonvolatile beta	5.0E-09±3.2E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
0	Radium-226	<1.0E-09	µCi/mL	IT
2	Radium-226	2.4E-08±3.0E-09	µCi/mL	IT

WELL TNX 11D collected on 03/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	1.0E-09±7.0E-10	µCi/mL	IT
0	Radium-228	<2.0E-08	µCi/mL	IT
0	Ruthenium-103	<4.6E-09	µCi/mL	IT
0	Ruthenium-106	<4.0E-08	µCi/mL	IT
0	Sodium-22	<6.4E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
2	Thorium-232	1.5E-08±2.0E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Tritium	1.7E-08±2.0E-07	µCi/mL	IT
0	Uranium-235	<2.0E-08	µCi/mL	IT
2	Uranium-238	4.6E-07±5.0E-08	µCi/mL	IT
0	Zinc-65	<1.3E-08	µCi/mL	IT
0	Zirconium-95	<1.2E-08	µCi/mL	IT

WELL TNX 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/08/91
Depth to water: 3.30 ft (1.01 m) below TOC
Water elevation: 95.90 ft (29.23 m) msl
Sp. conductance: 71 µS/cm
Water evacuated before sampling: 60 gal
Time: 14:25
pH: 5.9
Alkalinity ($CaCO_3$): 24 mg/L
Water temperature: 17.2°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.0	pH	IT
0	pH	6.0	pH	IT
0	Specific conductance	73	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	31	µg/L	IT
0	Benzene	<5.0	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Bromodichloromethane	<5.0	µg/L	IT
0	Bromoform	<5.0	µg/L	IT
0	Bromomethane (Methyl bromide)	<10	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	5,510	µg/L	IT
0	Carbon tetrachloride	<5.0	µg/L	IT
0	Chloride	1,870	µg/L	IT
0	Chlorobenzene	<5.0	µg/L	IT
0	Chloroethane	<10	µg/L	IT
0	Chloroethene (Vinyl chloride)	<10	µg/L	IT
0	2-Chloroethyl vinyl ether	<5.0	µg/L	IT
0	Chloroform	<5.0	µg/L	IT
0	Chloromethane (Methyl chloride)	<10	µg/L	IT
0	Chromium	2.5	µg/L	IT
0	Dibromochloromethane	<5.0	µg/L	IT
0	1,1-Dichloroethane	<5.0	µg/L	IT
0	1,2-Dichloroethane	<5.0	µg/L	IT
0	trans-1,2-Dichloroethene	<5.0	µg/L	IT
0	1,1-Dichloroethylene	<5.0	µg/L	IT
0	Dichloromethane (Methylene chloride)	<5.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	1,2-Dichloropropane	<5.0	µg/L	IT
0	cis-1,3-Dichloropropene	<5.0	µg/L	IT
0	trans-1,3-Dichloropropene	<5.0	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Ethylbenzene	<5.0	µg/L	IT
0	Fluoride	<250	µg/L	IT
2	Iron	507	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	1,620	µg/L	IT
1	Manganese	34	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	2,740	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	5,760	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	3,600	µg/L	IT
0	Sulfate	7,370	µg/L	IT
0	1,1,2,2-Tetrachloroethane	<5.0	µg/L	IT
0	Tetrachloroethylene	<5.0	µg/L	IT
0	Toluene	<5.0	µg/L	IT
0	Total dissolved solids	37,000	µg/L	IT
0	Total organic carbon	1,910	µg/L	IT
0	Total organic carbon	2,050	µg/L	IT
0	Total organic halogens	<5.0	µg/L	IT
0	Total phosphates (as P)	67	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<5.0	µg/L	IT
0	1,1,2-Trichloroethane	<5.0	µg/L	IT
0	Trichloroethylene	<5.0	µg/L	IT
0	Trichlorofluoromethane	<10	µg/L	IT
0	Americium-241	<1.0E-09	µCi/mL	IT
0	Antimony-125	<1.5E-08	µCi/mL	IT
0	Cerium-141	<8.7E-09	µCi/mL	IT

WELL TNX 12D collected on 03/08/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Cerium-144	<4.0E-08	µCi/mL	IT
0	Cesium-134	<7.0E-09	µCi/mL	IT
0	Cesium-137	<5.9E-09	µCi/mL	IT
0	Cobalt-58	<6.5E-09	µCi/mL	IT
0	Cobalt-60	<7.4E-09	µCi/mL	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Manganese-54	<6.1E-09	µCi/mL	IT
0	Niobium-95	<6.0E-09	µCi/mL	IT
0	Nonvolatile beta	5.7E-09±3.0E-09	µCi/mL	IT
0	Plutonium-238	<1.0E-09	µCi/mL	IT
0	Plutonium-239	<1.0E-09	µCi/mL	IT
0	Radium-226	1.5E-09±4.0E-10	µCi/mL	IT
0	Radium-226	<1.2E-08	µCi/mL	IT
0	Radium-228	<1.0E-09	µCi/mL	IT
0	Radium-228	<2.8E-08	µCi/mL	IT
0	Ruthenium-103	<6.1E-09	µCi/mL	IT
0	Ruthenium-106	<5.7E-08	µCi/mL	IT
0	Sodium-22	<6.9E-09	µCi/mL	IT
0	Strontium-89	<1.0E-09	µCi/mL	IT
0	Strontium-90	<1.0E-09	µCi/mL	IT
0	Thorium-228	<1.0E-09	µCi/mL	IT
0	Thorium-230	<1.0E-09	µCi/mL	IT
0	Thorium-232	<9.3E-09	µCi/mL	IT
0	Thorium-232	<1.0E-09	µCi/mL	IT
0	Tritium	<1.0E-06	µCi/mL	IT
0	Uranium-235	<7.2E-09	µCi/mL	IT
0	Uranium-238	<9.3E-08	µCi/mL	IT
0	Zinc-65	<1.6E-08	µCi/mL	IT
0	Zirconium-95	<1.6E-08	µCi/mL	IT

WELL XSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91
Depth to water: 56.47 ft (17.21 m) below TOC
Water elevation: 99.53 ft (30.34 m) msl
Sp. conductance: 90 µS/cm
Water evacuated before sampling: 147 gal

Time: 14:45
pH: 5.5
Alkalinity ($CaCO_3$): 2 mg/L
Water temperature: 18.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	Specific conductance	89	µS/cm	GE
0	Specific conductance	89	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	14	µg/L	GE
0	Barium	15	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Calcium	1,400	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	3,320	µg/L	GE
0	Chloride	3,470	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	4.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE

WELL XSB 1A collected on 03/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	31	µg/L	GE
0	Iron	27	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	370	µg/L	GE
0	Magnesium	380	µg/L	GE
0	Manganese	18	µg/L	GE
0	Manganese	18	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	760	µg/L	GE
0	Potassium	760	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	9,700	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	15,000	µg/L	GE
0	Sodium	15,000	µg/L	GE
0	Sulfate	4,750	µg/L	GE
0	Sulfate	4,120	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	102,000	µg/L	GE
0	Total dissolved solids	105,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	5.0	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	8.3E-09±1.0E-08	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	5.1E-06±4.0E-07	µCi/mL	GE
0	Tritium	4.5E-06±4.0E-07	µCi/mL	GE

WELL XSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91
Depth to water: 51.38 ft (15.66 m) below TOC
Water elevation: 104.52 ft (31.86 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 105 gal

Time: 15:25
pH: 5.8
Alkalinity ($CaCO_3$): 4 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.6	pH	GE
0	Specific conductance	55	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Bromide	<1,000	µg/L	GE

ANALYTICAL RESULTS

WELL XSB 1B collected on 03/16/91, laboratory analyses (continued)

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	3,200	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	600	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	610	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,400	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	22,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,700	µg/L	GE
0	Sulfate	8,490	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	74,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	14	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	2.1E-09±4.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL XSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91
Depth to water: 51.38 ft (15.66 m) below TOC
Water elevation: 104.52 ft (31.86 m) msl
Sp. conductance: 41 µS/cm
Water evacuated before sampling: 105 gal

Time: 15:25
pH: 5.8
Alkalinity ($CaCO_3$): 4 mg/L
Water temperature: 17.4°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	41	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	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	3,200	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	trans-1,2-Dichloroethene	<1.0	µg/L	GE

WELL XSB 1B collected on 03/16/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
2	Iron	600	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	540	µg/L	GE
0	Manganese	14	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	<50	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,800	µg/L	GE
0	Selenium	<2.0	µg/L	GE
1	Silica	24,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	1,600	µg/L	GE
0	Sulfate	1,400	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	80,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	19	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	2.1E-09±2.6E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	<7.0E-07	µCi/mL	GE

WELL XSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/16/91
Depth to water: 56.06 ft (17.09 m) below TOC
Water elevation: 99.94 ft (30.48 m) msl
Sp. conductance: 77 µS/cm
Water evacuated before sampling: 32 gal

Time: 14:25
pH: 5.5
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.1°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.7	pH	GE
0	Specific conductance	74	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	18	µg/L	GE
0	Benzene	<1.0	µg/L	GE
0	Lindane	<0.0050	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	2,100	µg/L	GE
1	Carbon tetrachloride	4.0	µg/L	GE
0	Chloride	4,250	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	7.2	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
1	Iron	160	µg/L	GE
0	Lead	7.0	µg/L	GE
0	Magnesium	430	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	4,340	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	1,100	µg/L	GE

WELL XSB 1D collected on 03/18/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Selenium	<2.0	µg/L	GE
0	Silica	10,000	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	12,000	µg/L	GE
0	Sulfate	4,020	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
2	Tetrachloroethylene	31	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	34	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	3.9E-09±3.6E-09	µCi/mL	GE
1	Total radium	2.8E-09±4.2E-09	µCi/mL	GE
0	Tritium	4.2E-06±3.0E-07	µCi/mL	GE

WELL XSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91
Depth to water: 55.10 ft (16.79 m) below TOC
Water elevation: 99.70 ft (30.39 m) msl
Sp. conductance: 196 µS/cm
Water evacuated before sampling: 17 gal
The well went dry during purging.

Time: 14:15
pH: 6.7
Alkalinity ($CaCO_3$): 56 mg/L
Water temperature: 21.1°C

WELL XSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91
Depth to water: 56.15 ft (17.11 m) below TOC
Water elevation: 100.85 ft (30.74 m) msl
Sp. conductance: 74 µS/cm
Water evacuated before sampling: 100 gal

Time: 15:00
pH: 5.8
Alkalinity ($CaCO_3$): 4 mg/L
Water temperature: 20.9°C

WELL XSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91
Depth to water: 55.25 ft (16.84 m) below TOC
Water elevation: 99.65 ft (30.37 m) msl
Sp. conductance: 92 µS/cm
Water evacuated before sampling: 41 gal

Time: 13:25
pH: 5.3
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 20.0°C

WELL XSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91
Depth to water: 13.20 ft (4.02 m) below TOC
Water elevation: 98.80 ft (30.11 m) msl
Sp. conductance: 98 µS/cm
Water evacuated before sampling: 55 gal

Time: 14:05
pH: 4.9
Alkalinity ($CaCO_3$): 0 mg/L
Water temperature: 19.9°C

WELL YSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91
Depth to water: 23.69 ft (7.22 m) below TOC
Water elevation: 121.81 ft (37.13 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 61 gal

Time: 10:50
pH: 5.6
Alkalinity ($CaCO_3$): 4 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	pH	5.7	pH	IT
0	pH	5.7	pH	IT
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	36	µS/cm	IT

WELL YSB 1A collected on 03/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	13	µg/L	GE
0	Barium	13	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,100	µg/L	GE
0	Calcium	1,980	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	3,320	µg/L	GE
0	Chloride	3,320	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	IT
0	Chromium	4.5	µg/L	GE
0	Chromium	5.5	µg/L	IT
0	Copper	36	µg/L	GE
0	Copper	29	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
1	Iron	170	µg/L	GE
1	Iron	258	µg/L	IT
0	Lead	6.8	µg/L	GE
0	Lead	5.4	µg/L	IT
0	Magnesium	430	µg/L	GE
0	Magnesium	393	µg/L	IT
0	Manganese	4.4	µg/L	GE
0	Manganese	6.5	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
1	Nickel	56	µg/L	GE
1	Nickel	97	µg/L	IT
0	Nitrate as nitrogen	900	µg/L	GE
0	Nitrate as nitrogen	1,050	µg/L	IT
0	Nitrate as nitrogen	1,030	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	860	µg/L	GE
0	Potassium	1,090	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	IT
0	Silica	9,000	µg/L	GE
0	Silica	8,540	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT
0	Sodium	3,900	µg/L	GE
0	Sodium	3,800	µg/L	IT
0	Sulfate	1,020	µg/L	GE
0	Sulfate	1,320	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Total dissolved solids	18,000	µg/L	GE
0	Total dissolved solids	30,000	µg/L	IT
0	Total dissolved solids	30,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
1	Total organic carbon	8,570	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	13	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	63	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	0.090	µg/L	IT
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<0.40	µg/L	IT
0	Zinc	31	µg/L	GE
0	Zinc	21	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	5.9E-06±4.0E-07	µCi/mL	GE
0	Tritium	3.6E-06±4.0E-07	µCi/mL	IT

ANALYTICAL RESULTS

WELL YSB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91
Depth to water: 23.69 ft (7.22 m) below TOC
Water elevation: 121.81 ft (37.13 m) msl
Sp. conductance: 34 µS/cm
Water evacuated before sampling: 61 gal

Time: 10:50
pH: 5.6
Alkalinity ($CaCO_3$): 4 mg/L
Water temperature: 20.3°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	pH	5.8	pH	GE
0	pH	5.7	pH	IT
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	30	µS/cm	GE
0	Specific conductance	34	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	13	µg/L	GE
0	Barium	13	µg/L	GE
0	Barium	16	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Bromide	<1,000	µg/L	GE
0	Bromide	<1,000	µg/L	GE
0	Bromide	<250	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
0	Calcium	2,100	µg/L	GE
0	Calcium	1,900	µg/L	GE
0	Calcium	2,080	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	3,280	µg/L	GE
0	Chloride	3,240	µg/L	GE
0	Chloride	3,330	µg/L	IT
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloroform	<0.40	µg/L	IT
0	Chromium	4.4	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Chromium	2.9	µg/L	IT
0	Copper	17	µg/L	GE
0	Copper	16	µg/L	GE
0	Copper	73	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
1	Iron	150	µg/L	GE
0	Iron	140	µg/L	GE
2	Iron	933	µg/L	IT
0	Lead	8.0	µg/L	GE
0	Lead	8.1	µg/L	GE
0	Lead	13	µg/L	IT
0	Magnesium	440	µg/L	GE
0	Magnesium	410	µg/L	GE
0	Magnesium	415	µg/L	IT
0	Manganese	3.8	µg/L	GE
0	Manganese	3.3	µg/L	GE
0	Manganese	6.8	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	40	µg/L	GE
0	Nickel	37	µg/L	GE
1	Nickel	88	µg/L	IT
0	Nitrate as nitrogen	890	µg/L	GE
0	Nitrate as nitrogen	890	µg/L	GE
0	Nitrate as nitrogen	1,050	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
0	Potassium	930	µg/L	GE
0	Potassium	840	µg/L	GE
0	Potassium	1,030	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Selenium	<2.0	µg/L	IT
0	Silica	8,800	µg/L	GE
0	Silica	9,000	µg/L	GE
0	Silica	9,450	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT
0	Sodium	4,100	µg/L	GE

WELL YSB 1A collected on 03/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Sodium	3,900	µg/L	GE
0	Sodium	3,470	µg/L	IT
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	Sulfate	1,250	µg/L	IT
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Total dissolved solids	15,000	µg/L	GE
0	Total dissolved solids	16,000	µg/L	GE
0	Total dissolved solids	24,000	µg/L	IT
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,000	µg/L	GE
0	Total organic carbon	2,620	µg/L	IT
0	Total organic halogens	14	µg/L	GE
0	Total organic halogens	16	µg/L	GE
0	Total organic halogens	14	µg/L	IT
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Total phosphates (as P)	33	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	0.030	µg/L	IT
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	0.41	µg/L	IT
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichloroethylene	<0.40	µg/L	IT
0	Zinc	17	µg/L	GE
0	Zinc	21	µg/L	GE
0	Zinc	29	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	1.3E-09 ± 1.1E-09	µCi/mL	IT
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<4.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Total radium	1.2E-09 ± 4.0E-10	µCi/mL	IT
0	Tritium	6.7E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	6.4E-06 ± 4.0E-07	µCi/mL	GE
0	Tritium	3.6E-06 ± 4.0E-07	µCi/mL	IT

WELL YSB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91
Depth to water: 21.13 ft (6.44 m) below TOC
Water elevation: 123.57 ft (37.68 m) msl
Sp. conductance: 44 µS/cm
Water evacuated before sampling: 68 gal

Time: 12:05
pH: 5.6
Alkalinity ($CaCO_3$): 5 mg/L
Water temperature: 19.6°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.5	pH	IT
0	Specific conductance	48	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	11	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromide	<250	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,570	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	4,120	µg/L	IT
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	6.0	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	49	µg/L	IT
0	Lead	3.2	µg/L	IT
0	Magnesium	457	µg/L	IT
0	Manganese	19	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	6.1	µg/L	IT
0	Nitrate as nitrogen	880	µg/L	IT
0	Phenols	12	µg/L	IT
0	Potassium	909	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	8,140	µg/L	IT
0	Silver	<1.5	µg/L	IT
0	Sodium	5,880	µg/L	IT
0	Sulfate	4,720	µg/L	IT
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Total dissolved solids	35,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	16	µg/L	IT
0	Total phosphates (as P)	37	µg/L	IT

WELL YSB 2A collected on 03/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<0.40	µg/L	IT
0	Zinc	8.6	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	<1.0E-09	µCi/mL	IT
0	Tritium	3.8E-06±4.0E-07	µCi/mL	IT

WELL YSB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91 — Time: 12:35
Depth to water: 20.18 ft (6.14 m) below TOC — pH: 6.4
Water elevation: 123.74 ft (37.72 m) msl — Alkalinity ($CaCO_3$): 37 mg/L
Sp. conductance: 196 µS/cm — Water temperature: 16.8°C
Water evacuated before sampling: 71 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	8.2	pH	IT
0	Specific conductance	222	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	8.4	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromide	250	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	3,220	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	29,300	µg/L	IT
0	Chloride	28,800	µg/L	IT
0	Chloroform	9.8	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	16	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	39	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	776	µg/L	IT
0	Manganese	2.3	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	43	µg/L	IT
0	Nitrate as nitrogen	4,660	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,060	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	5,960	µg/L	IT
0	Silver	<1.5	µg/L	IT
1	Sodium	41,700	µg/L	IT
0	Sulfate	9,080	µg/L	IT
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Total dissolved solids	155,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	24	µg/L	IT
1	Total phosphates (as P)	321	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<0.40	µg/L	IT
0	Zinc	7.8	µg/L	IT
0	Gross alpha	4.4E-09±2.3E-09	µCi/mL	IT
0	Nonvolatile beta	6.3E-09±4.1E-09	µCi/mL	IT
0	Total radium	1.5E-09±5.0E-10	µCi/mL	IT
0	Tritium	1.6E-06±2.0E-07	µCi/mL	IT

WELL YSB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/11/91 — Time: 13:25
Depth to water: 22.84 ft (6.96 m) below TOC — pH: 5.8
Water elevation: 121.76 ft (37.11 m) msl — Alkalinity ($CaCO_3$): 16 mg/L
Sp. conductance: 114 µS/cm — Water temperature: 18.7°C
Water evacuated before sampling: 63 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.7	pH	IT
0	Specific conductance	129	µS/cm	IT
0	Arsenic	<2.0	µg/L	IT
0	Barium	15	µg/L	IT
0	Lindane	<0.010	µg/L	IT
0	Bromide	790	µg/L	IT
0	Bromide	800	µg/L	IT
0	Cadmium	<1.5	µg/L	IT
0	Calcium	1,870	µg/L	IT
0	Carbon tetrachloride	<1.0	µg/L	IT
0	Chloride	7,310	µg/L	IT

WELL YSB 4A collected on 03/11/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Chloroform	<0.40	µg/L	IT
0	Chromium	<2.5	µg/L	IT
0	Copper	5.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<250	µg/L	IT
0	Iron	89	µg/L	IT
0	Lead	<2.0	µg/L	IT
0	Magnesium	840	µg/L	IT
0	Manganese	6.8	µg/L	IT
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	IT
0	Nickel	5.1	µg/L	IT
1	Nitrate as nitrogen	9,370	µg/L	IT
1	Nitrate as nitrogen	9,570	µg/L	IT
0	Phenols	<5.0	µg/L	IT
0	Potassium	1,010	µg/L	IT
0	Selenium	<2.0	µg/L	IT
0	Silica	8,280	µg/L	IT
0	Silver	<1.5	µg/L	IT
1	Sodium	27,400	µg/L	IT
0	Sulfate	4,420	µg/L	IT
0	Tetrachloroethylene	<0.40	µg/L	IT
0	Total dissolved solids	99,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	14	µg/L	IT
0	Total phosphates (as P)	149	µg/L	IT
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	1,1,1-Trichloroethane	<0.40	µg/L	IT
0	Trichloroethylene	<0.40	µg/L	IT
0	Zinc	8.7	µg/L	IT
0	Gross alpha	<1.0E-09	µCi/mL	IT
0	Nonvolatile beta	<5.0E-09	µCi/mL	IT
0	Total radium	1.7E-09±5.0E-10	µCi/mL	IT
0	Tritium	2.8E-08±3.0E-07	µCi/mL	IT

WELL YSC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 — Time: 13:10
Inaccessibility or pump failure prevented sample collection

WELL YSC 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 — Time: 14:55
Depth to water: 59.22 ft (18.05 m) below TOC — pH: 9.7
Water elevation: 215.18 ft (65.59 m) msl — Alkalinity ($CaCO_3$): 25 mg/L
Sp. conductance: 80 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 8 gal
The well went dry during purging

WELL YSC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 — Time: 14:45
Depth to water: 121.47 ft (37.02 m) below TOC — pH: 11.4
Water elevation: 162.23 ft (49.45 m) msl — Alkalinity ($CaCO_3$): 169 mg/L
Sp. conductance: 770 µS/cm — Water temperature: 19.5°C
Water evacuated before sampling: 112 gal

WELL YSC 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 — Time: 13:20
Depth to water: 68.68 ft (20.93 m) below TOC
Water elevation: 215.32 ft (65.63 m) msl
The well pumped dry before all field parameters were collected

ANALYTICAL RESULTS

WELL YSC 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91
Depth to water: 64.63 ft (19.70 m) below TOC
Water elevation: 224.97 ft (68.57 m) msl
Sp. conductance: 53 µS/cm
Water evacuated before sampling: 72 gal

Time: 13:05
pH: 7.0
Alkalinity ($CaCO_3$): 10 mg/L
Water temperature: 19.3°C

WELL YSC 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91
Depth to water: 97.94 ft (29.85 m) below TOC
Water elevation: 176.96 ft (53.94 m) msl
Sp. conductance: 245 µS/cm
Water evacuated before sampling: 162 gal

Time: 18:15
pH: 9.3
Alkalinity ($CaCO_3$): 101 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.8	pH	GE
1	pH	8.4	pH	IT
1	pH	8.5	pH	IT
0	Specific conductance	230	µS/cm	GE
0	Specific conductance	221	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	39	µg/L	GE
0	Barium	41	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
2	Calcium	35,000	µg/L	GE
2	Calcium	37,900	µg/L	IT
0	Chloride	2,090	µg/L	GE
0	Chloride	2,010	µg/L	IT
0	Chromium	4.3	µg/L	GE
0	Chromium	<2.5	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0080	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	31	µg/L	GE
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	670	µg/L	GE
0	Magnesium	681	µg/L	IT
0	Manganese	22	µg/L	GE
1	Manganese	25	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
1	Potassium	4,900	µg/L	GE
1	Potassium	5,410	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
1	Silica	28,000	µg/L	GE
1	Silica	27,500	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT
0	Sodium	3,700	µg/L	GE
0	Sodium	3,650	µg/L	IT
0	Sulfate	11,500	µg/L	GE
0	Sulfate	10,800	µg/L	IT
0	Total dissolved solids	118,000	µg/L	GE
0	Total dissolved solids	150,000	µg/L	IT
0	Total dissolved solids	141,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	15	µg/L	IT
0	Total organic halogens	18	µg/L	IT
0	Total phosphates (as P)	70	µg/L	GE
0	Total phosphates (as P)	78	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	4.6E-09 ± 3.5E-09	µCi/mL	GE
0	Nonvolatile beta	<6.0E-09	µCi/mL	IT
0	Total radium	2.1E-09 ± 2.8E-09	µCi/mL	GE
0	Total radium	1.6E-09 ± 4.0E-10	µCi/mL	IT
0	Total radium	1.6E-09 ± 5.0E-10	µCi/mL	IT

WELL YSC 5A collected on 03/13/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL YSC 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/13/91
Depth to water: 97.94 ft (29.85 m) below TOC
Water elevation: 176.96 ft (53.94 m) msl
Sp. conductance: 245 µS/cm
Water evacuated before sampling: 162 gal

Time: 18:15
pH: 9.3
Alkalinity ($CaCO_3$): 101 mg/L
Water temperature: 18.9°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
1	pH	8.7	pH	GE
1	pH	8.7	pH	IT
0	Specific conductance	224	µS/cm	GE
0	Specific conductance	224	µS/cm	IT
0	Arsenic	<2.0	µg/L	GE
0	Arsenic	<2.0	µg/L	IT
0	Barium	40	µg/L	GE
0	Barium	43	µg/L	IT
0	Lindane	<0.0050	µg/L	GE
0	Lindane	<0.010	µg/L	IT
0	Cadmium	<2.0	µg/L	GE
0	Cadmium	<1.5	µg/L	IT
2	Calcium	34,000	µg/L	GE
2	Calcium	38,200	µg/L	IT
0	Chloride	2,100	µg/L	GE
0	Chloride	1,970	µg/L	IT
0	Chromium	<4.0	µg/L	GE
0	Chromium	4.4	µg/L	IT
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.10	µg/L	IT
0	Endrin	<0.0060	µg/L	GE
0	Endrin	<0.020	µg/L	IT
0	Fluoride	<100	µg/L	GE
0	Fluoride	<250	µg/L	IT
0	Iron	31	µg/L	GE
0	Iron	<5.0	µg/L	IT
0	Lead	<3.0	µg/L	GE
0	Lead	<2.0	µg/L	IT
0	Magnesium	670	µg/L	GE
0	Magnesium	666	µg/L	IT
0	Manganese	21	µg/L	GE
0	Manganese	24	µg/L	IT
0	Mercury	<0.20	µg/L	GE
0	Mercury	<0.30	µg/L	IT
0	Methoxychlor	<0.50	µg/L	GE
0	Methoxychlor	<0.50	µg/L	IT
0	Nitrate as nitrogen	<50	µg/L	GE
0	Nitrate as nitrogen	<100	µg/L	IT
0	Phenols	<5.0	µg/L	GE
0	Phenols	<5.0	µg/L	IT
1	Potassium	5,300	µg/L	GE
1	Potassium	5,610	µg/L	IT
0	Selenium	<2.0	µg/L	GE
0	Selenium	<3.0	µg/L	IT
1	Silica	28,000	µg/L	GE
1	Silica	27,300	µg/L	IT
0	Silver	<2.0	µg/L	GE
0	Silver	<1.5	µg/L	IT
0	Sodium	4,000	µg/L	GE
0	Sodium	3,720	µg/L	IT
0	Sulfate	11,500	µg/L	GE
0	Sulfate	10,800	µg/L	IT
0	Total dissolved solids	126,000	µg/L	GE
0	Total dissolved solids	144,000	µg/L	IT
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	IT
0	Total organic halogens	<5.0	µg/L	GE
0	Total organic halogens	5.1	µg/L	IT
0	Total phosphates (as P)	80	µg/L	GE
0	Total phosphates (as P)	110	µg/L	IT
0	Toxaphene	<0.24	µg/L	GE
0	Toxaphene	<0.50	µg/L	IT
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	2,4,5-TP (Silvex)	<0.020	µg/L	IT
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Gross alpha	<2.0E-09	µCi/mL	IT
0	Nonvolatile beta	6.6E-09 ± 3.7E-09	µCi/mL	GE
0	Nonvolatile beta	7.1E-09 ± 3.5E-09	µCi/mL	IT
0	Total radium	1.0E-09 ± 2.7E-09	µCi/mL	GE
0	Total radium	1.3E-09 ± 5.0E-10	µCi/mL	IT
0	Tritium	<7.0E-07	µCi/mL	GE
0	Tritium	<1.0E-06	µCi/mL	IT

WELL Z 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 Time: 13:45
Depth to water: 37.50 ft (11.43 m) below TOC
Water elevation: 219.80 ft (67.00 m) msl

WELL Z 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 Time: 13:30
Depth to water: 49.20 ft (15.00 m) below TOC
Water elevation: 211.80 ft (64.58 m) msl

WELL Z 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 Time: 13:50
Depth to water: 62.80 ft (19.14 m) below TOC
Water elevation: 217.20 ft (66.20 m) msl

WELL Z 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 Time: 9:20
Depth to water: 65.50 ft (19.96 m) below TOC pH: 6.6
Water elevation: 214.00 ft (65.23 m) msl
Sp. conductance: 40 µS/cm Water temperature: 19.9°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.6E-09±1.1E-09	µCi/mL	EM
0	Nonvolatile beta	2.7E-09±1.1E-09	µCi/mL	EM
0	Tritium	8.2E-06±8.1E-07	µCi/mL	EM

WELL Z 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/22/91 Time: 15:30
Depth to water: 65.32 ft (19.91 m) below TOC pH: 5.8
Water elevation: 214.18 ft (65.28 m) msl Alkalinity ($CaCO_3$): 8 mg/L
Sp. conductance: 56 µS/cm Water temperature: 20.9°C
Water evacuated before sampling: 15 gal

WELL Z 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 9:45
The well was dry.

WELL Z 13

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 9:35
Depth to water: 25.30 ft (7.71 m) below TOC
Water elevation: 277.80 ft (84.67 m) msl

WELL Z 15

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 Time: 15:40
Depth to water: 42.50 ft (12.95 m) below TOC
Water elevation: 264.40 ft (80.59 m) msl

WELL Z 17

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 Time: 13:20
Depth to water: 8.00 ft (2.44 m) below TOC
Water elevation: 170.80 ft (52.06 m) msl

WELL Z 18

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 Time: 13:15
Depth to water: 15.50 ft (4.72 m) below TOC
Water elevation: 186.60 ft (56.88 m) msl

WELL Z 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 Time: 13:00
Depth to water: 75.00 ft (22.86 m) below TOC
Water elevation: 187.00 ft (57.00 m) msl

WELL Z 20B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 Time: 13:05
Depth to water: 54.00 ft (16.46 m) below TOC
Water elevation: 189.60 ft (57.79 m) msl

WELL ZBG 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 Time: 9:45
Depth to water: 58.10 ft (17.71 m) below TOC pH: 5.7
Water elevation: 233.00 ft (71.02 m) msl Alkalinity ($CaCO_3$): 1 mg/L
Sp. conductance: 26 µS/cm Water temperature: 19.5°C
Water evacuated before sampling: 41 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.8	pH	GE
0	Specific conductance	20	µS/cm	GE
0	Antimony	<3.0	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	990	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,840	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE

ANALYTICAL RESULTS

WELL ZBG 1 collected on 03/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Fluoride	<100	µg/L	GE
0	Iron	83	µg/L	GE
0	Lead	3.8	µg/L	GE
0	Magnesium	700	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	Nitrate as nitrogen	1,200	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<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	1,300	µg/L	GE
0	Sulfate	<1,000	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	<1,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
1	Tritium	1.4E-05 ± 6.0E-07	µCi/mL	GE

WELL ZBG 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91
Depth to water: 9.88 ft (3.01 m) below TOC
Water elevation: 281.12 ft (85.69 m) msl
Sp. conductance: 23 µS/cm
Water evacuated before sampling: 6 gal
The well went dry during purging.

Time: 9:20
pH: 5.7
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 15.0°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	5.9	pH	GE
0	Specific conductance	18	µS/cm	GE
0	Antimony	<3.0	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	Lindane	<0.0050	µg/L	GE
0	Bromodichloromethane	<1.0	µg/L	GE
0	Bromoform	<1.0	µg/L	GE
0	Bromomethane (Methyl bromide)	<1.0	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	170	µg/L	GE
0	Carbon tetrachloride	<1.0	µg/L	GE
0	Chloride	1,290	µg/L	GE
0	Chlorobenzene	<1.0	µg/L	GE
0	Chloroethane	<1.0	µg/L	GE
0	Chloroethene (Vinyl chloride)	<1.0	µg/L	GE
0	2-Chloroethyl vinyl ether	<1.0	µg/L	GE
0	Chloroform	<1.0	µg/L	GE
0	Chloromethane (Methyl chloride)	<1.0	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	Dibromochloromethane	<1.0	µg/L	GE
0	1,1-Dichloroethane	<1.0	µg/L	GE
0	1,2-Dichloroethane	<1.0	µg/L	GE
0	trans-1,2-Dichloroethene	<1.0	µg/L	GE
0	1,1-Dichloroethylene	<1.0	µg/L	GE
0	Dichloromethane (Methylene chloride)	<1.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	1,2-Dichloropropane	<1.0	µg/L	GE
0	cis-1,3-Dichloropropene	<1.0	µg/L	GE
0	trans-1,3-Dichloropropene	<1.0	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Ethylbenzene	<1.0	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	29	µg/L	GE
0	Lead	<3.0	µg/L	GE
0	Magnesium	98	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	130	µg/L	GE
0	Nitrite as nitrogen	<10	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	630	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,300	µg/L	GE
0	Sulfate	2,100	µg/L	GE
0	1,1,2,2-Tetrachloroethane	<1.0	µg/L	GE

WELL ZBG 1A collected on 03/14/91, laboratory analyses (continued)

F	Analyte	Result	Unit	Lab
0	Tetrachloroethylene	<1.0	µg/L	GE
0	Toluene	<1.0	µg/L	GE
0	Total dissolved solids	5,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	1,1,1-Trichloroethane	<1.0	µg/L	GE
0	1,1,2-Trichloroethane	<1.0	µg/L	GE
0	Trichloroethylene	<1.0	µg/L	GE
0	Trichlorofluoromethane	<1.0	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
0	Tritium	8.9E-06 ± 5.0E-07	µCi/mL	GE

WELL ZBG 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91
Depth to water: 57.82 ft (17.62 m) below TOC
Water elevation: 220.18 ft (67.11 m) msl
Sp. conductance: 18 µS/cm
Water evacuated before sampling: 24 gal

Time: 14:00
pH: 5.1
Alkalinity ($CaCO_3$): 1 mg/L
Water temperature: 19.0°C

WELL ZDT 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91
Depth to water: 25.20 ft (7.68 m) below TOC
Water elevation: 239.90 ft (73.12 m) msl
Sp. conductance: 75 µS/cm
Water evacuated before sampling: 41 gal

Time: 11:15
pH: 5.6
Alkalinity ($CaCO_3$): 8 mg/L
Water temperature: 21.7°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	10	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	880	µg/L	GE
0	Chloride	3,080	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	41	µg/L	GE
0	Lead	5.0	µg/L	GE
0	Magnesium	990	µg/L	GE
0	Manganese	17	µg/L	GE
0	Mercury	0.49	µg/L	GE
0	Methoxychlor	<0.50	µg/L	GE
0	Nitrate as nitrogen	690	µg/L	GE
0	Phenols	<5.0	µg/L	GE
1	Potassium	5,700	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	5,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	3,600	µg/L	GE
0	Sulfate	10,200	µg/L	GE
0	Total dissolved solids	25,000	µg/L	GE
0	Total organic carbon	<1,000	µg/L	GE
0	Total organic halogens	<5.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	7.4E-09 ± 3.2E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.4E-05 ± 7.0E-07	µCi/mL	GE

WELL ZDT 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 02/25/91 — Time: 11:00
Depth to water: 23.61 ft (7.20 m) below TOC — pH: 5.7
Water elevation: 241.39 ft (73.58 m) msl — Alkalinity ($CaCO_3$): 13 mg/L
Sp. conductance: 70 µS/cm — Water temperature: 19.3°C
Water evacuated before sampling: 43 gal

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	pH	6.3	pH	GE
0	Specific conductance	22	µS/cm	GE
0	Arsenic	<2.0	µg/L	GE
0	Barium	19	µg/L	GE
0	Lindane	<0.0050	µg/L	GE
0	Cadmium	<2.0	µg/L	GE
0	Calcium	4,800	µg/L	GE
0	Chloride	3,340	µg/L	GE
0	Chromium	<4.0	µg/L	GE
0	2,4-Dichlorophenoxyacetic acid	<0.30	µg/L	GE
0	Endrin	<0.0060	µg/L	GE
0	Fluoride	<100	µg/L	GE
0	Iron	14	µg/L	GE
0	Lead	4.0	µg/L	GE
0	Magnesium	480	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	1,850	µg/L	GE
0	Phenols	<5.0	µg/L	GE
0	Potassium	<500	µg/L	GE
0	Selenium	<2.0	µg/L	GE
0	Silica	7,500	µg/L	GE
0	Silver	<2.0	µg/L	GE
0	Sodium	4,900	µg/L	GE
0	Sulfate	<1,000	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	6.0	µg/L	GE
0	Total phosphates (as P)	<50	µg/L	GE
0	Toxaphene	<0.24	µg/L	GE
0	2,4,5-TP (Silvex)	<0.090	µg/L	GE
0	Gross alpha	<2.0E-09	µCi/mL	GE
0	Nonvolatile beta	<2.0E-09	µCi/mL	GE
0	Total radium	<1.0E-09	µCi/mL	GE
2	Tritium	2.6E-05±7.0E-07	µCi/mL	GE

WELL ZW 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91 — Time: 13:00
Depth to water: 134.80 ft (41.09 m) below TOC — pH: 7.4
Water elevation: 141.90 ft (43.25 m) msl
Sp. conductance: 75 µS/cm — Water temperature: 18.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	3.5E-10±4.5E-10	µCi/mL	EM
0	Nonvolatile beta	9.9E-10±8.5E-10	µCi/mL	EM
0	Tritium	5.6E-06±7.2E-07	µCi/mL	EM

WELL ZW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 — Time: 10:15
Depth to water: 83.80 ft (25.54 m) below TOC — pH: 6.4
Water elevation: 205.20 ft (62.55 m) msl
Sp. conductance: 127 µS/cm — Water temperature: 17.4°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	6.8E-10±5.8E-10	µCi/mL	EM
0	Nonvolatile beta	1.5E-09±9.3E-10	µCi/mL	EM
2	Tritium	7.2E-05±1.8E-06	µCi/mL	EM

WELL ZW 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 — Time: 14:15
Depth to water: 58.60 ft (17.86 m) below TOC — pH: 6.7
Water elevation: 200.80 ft (61.20 m) msl
Sp. conductance: 39 µS/cm — Water temperature: 22.0°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.2E-10±3.8E-10	µCi/mL	EM
0	Nonvolatile beta	1.7E-09±9.7E-10	µCi/mL	EM
0	Tritium	4.9E-06±7.2E-07	µCi/mL	EM

WELL ZW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 — Time: 14:30
Depth to water: 43.50 ft (13.26 m) below TOC — pH: 8.4
Water elevation: 231.30 ft (70.50 m) msl
Sp. conductance: 116 µS/cm — Water temperature: 18.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	1.1E-10±3.2E-10	µCi/mL	EM
0	Nonvolatile beta	4.5E-09±1.4E-09	µCi/mL	EM
1	Tritium	1.3E-05±9.3E-07	µCi/mL	EM

WELL ZW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 — Time: 14:40
Depth to water: 51.50 ft (15.70 m) below TOC — pH: 6.2
Water elevation: 226.30 ft (68.98 m) msl
Sp. conductance: 136 µS/cm — Water temperature: 19.2°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	2.1E-09±9.9E-10	µCi/mL	EM
0	Nonvolatile beta	3.6E-09±1.3E-09	µCi/mL	EM
2	Tritium	8.2E-05±2.0E-06	µCi/mL	EM

WELL ZW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/14/91 — Time: 15:00
Depth to water: 50.60 ft (15.42 m) below TOC
Water elevation: 217.50 ft (66.29 m) msl
The well pumped dry before all field parameters were collected.

WELL ZW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91 — Time: 14:45
Depth to water: 5.00 ft (1.52 m) below TOC — pH: 9.4
Water elevation: 267.40 ft (81.50 m) msl
Sp. conductance: 65 µS/cm — Water temperature: 14.8°C
No water was evacuated before sampling

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	8.2E-11±2.9E-10	µCi/mL	EM
0	Nonvolatile beta	9.6E-09±2.0E-09	µCi/mL	EM
2	Tritium	2.4E-05±1.2E-06	µCi/mL	EM

ANALYTICAL RESULTS

WELL ZW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91 Time: 14:30
Depth to water: 2.00 ft (0.61 m) below TOC pH: 7.4
Water elevation: 271.40 ft (82.72 m) msl
Sp. conductance: 83 µS/cm Water temperature: 13.7°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	5.8E-10 ± 5.6E-10	µCi/mL	EM
0	Nonvolatile beta	4.6E-09 ± 1.4E-09	µCi/mL	EM
1	Tritium	1.0E-05 ± 8.6E-07	µCi/mL	EM

WELL ZW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91 Time: 13:20
Depth to water: 37.00 ft (11.28 m) below TOC pH: 6.7
Water elevation: 251.70 ft (76.72 m) msl
Sp. conductance: 77 µS/cm Water temperature: 19.2°C
No water was evacuated before sampling.

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	5.4E-10 ± 5.2E-10	µCi/mL	EM
0	Nonvolatile beta	4.7E-09 ± 1.4E-09	µCi/mL	EM
2	Tritium	1.0E-04 ± 2.2E-06	µCi/mL	EM

WELL ZW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/15/91 Time: 13:40
Depth to water: 37.00 ft (11.28 m) below TOC pH: 7.4
Water elevation: 263.40 ft (80.29 m) msl
Sp. conductance: 43 µS/cm Water temperature: 18.8°C

LABORATORY ANALYSES

F	Analyte	Result	Unit	Lab
0	Gross alpha	6.7E-09 ± 1.8E-09	µCi/mL	EM
0	Nonvolatile beta	9.2E-09 ± 2.0E-09	µCi/mL	EM
2	Tritium	8.7E-05 ± 2.0E-06	µCi/mL	EM

WELL 241 H

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 01/18/91 Time: Not available
Inaccessibility or pump failure prevented sample collection

10. WATER-LEVEL DATA

During first 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 are done. Ge-Hy Environmental Sampling of New Ellenton, SC, collected these data.

WELL ABP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 11:48
The well pumped dry before all field parameters were collected.

WELL ABP 1DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 11:43
Depth to water: 138.73 ft (42.29 m) below TOC
Water elevation: 221.37 ft (67.47 m) msl

WELL ABP 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 11:12
Depth to water: 155.63 ft (47.44 m) below TOC
Water elevation: 216.27 ft (65.92 m) msl

WELL ABP 2DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 11:07
Depth to water: 154.48 ft (47.09 m) below TOC
Water elevation: 216.12 ft (65.87 m) msl

WELL ABP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 11:38
Depth to water: 134.46 ft (40.98 m) below TOC
Water elevation: 219.25 ft (66.83 m) msl

WELL ABP 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 11:34
Depth to water: 160.39 ft (48.89 m) below TOC
Water elevation: 194.11 ft (59.17 m) msl

WELL ABP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 11:02
Depth to water: 148.46 ft (45.25 m) below TOC
Water elevation: 215.84 ft (65.79 m) msl

WELL ABP 4DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 11:00
Depth to water: 148.33 ft (45.21 m) below TOC
Water elevation: 216.67 ft (66.04 m) msl

WELL ABP 6D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 11:20
Depth to water: 147.79 ft (45.05 m) below TOC
Water elevation: 217.51 ft (66.30 m) msl

WELL ABP 7D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 10:55
Depth to water: 147.50 ft (44.96 m) below TOC
Water elevation: 216.70 ft (66.05 m) msl

WELL ABP 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 11:25
Depth to water: 178.23 ft (54.33 m) below TOC
Water elevation: 193.87 ft (59.09 m) msl

WELL ABP 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 11:26
Depth to water: 154.98 ft (47.24 m) below TOC
Water elevation: 215.92 ft (65.81 m) msl

WELL ABW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:22
Depth to water: 101.36 ft (30.89 m) below TOC
Water elevation: 223.46 ft (68.11 m) msl

WELL AC 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:05
Depth to water: 50.78 ft (15.48 m) below TOC
Water elevation: 211.32 ft (64.41 m) msl

WATER-LEVEL DATA

WELL AC 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:07
The well pumped dry before all field parameters were collected.

WELL AC 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 9:42
Depth to water: 126.13 ft (38.44 m) below TOC
Water elevation: 218.57 ft (66.62 m) msl

WELL AC 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 9:40
The well pumped dry before all field parameters were collected.

WELL AC 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:36
Depth to water: 96.34 ft (29.36 m) below TOC
Water elevation: 205.96 ft (62.78 m) msl

WELL AC 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:37
Depth to water: 94.63 ft (28.84 m) below TOC
Water elevation: 207.87 ft (63.36 m) msl

WELL ACB 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 15:14
Depth to water: 124.53 ft (37.96 m) below TOC
Water elevation: 235.07 ft (71.65 m) msl

WELL ACB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 15:20
Depth to water: 112.89 ft (34.41 m) below TOC
Water elevation: 236.91 ft (72.21 m) msl

WELL ACB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 15:50
Depth to water: 111.91 ft (34.11 m) below TOC
Water elevation: 236.39 ft (72.05 m) msl

WELL ACB 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 15:55
Depth to water: 122.47 ft (37.33 m) below TOC
Water elevation: 236.63 ft (72.13 m) msl

WELL AMB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 16:06
Depth to water: 148.49 ft (45.67 m) below TOC
Water elevation: 230.91 ft (70.38 m) msl

WELL AMB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 16:04
Depth to water: 148.80 ft (45.35 m) below TOC
Water elevation: 230.80 ft (70.35 m) msl

WELL AMB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 16:01
Depth to water: 146.18 ft (44.56 m) below TOC
Water elevation: 231.02 ft (70.42 m) msl

WELL AMB 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 16:09
Depth to water: 138.55 ft (42.23 m) below TOC
Water elevation: 231.36 ft (70.52 m) msl

WELL AMB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 15:57
Depth to water: 138.64 ft (42.26 m) below TOC
Water elevation: 230.98 ft (70.40 m) msl

WELL AMB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 15:54
Depth to water: 136.67 ft (41.66 m) below TOC
Water elevation: 231.23 ft (70.48 m) msl

WELL AMB 10D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 15:48
Depth to water: 133.05 ft (40.55 m) below TOC
Water elevation: 232.45 ft (70.85 m) msl

WELL AMB 10DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 15:46
Depth to water: 7.73 ft (2.36 m) below TOC
Water elevation: 357.67 ft (109.02 m) msl

WELL AMB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 16:16
Depth to water: 130.68 ft (39.83 m) below TOC
Water elevation: 233.32 ft (71.12 m) msl

WELL AMB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 16:12
Depth to water: 137.80 ft (42.00 m) below TOC
Water elevation: 232.00 ft (70.71 m) msl

WELL AOB 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 16:12
Depth to water: 106.83 ft (32.56 m) below TOC
Water elevation: 234.27 ft (71.41 m) msl

WELL AOB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 16:05
Depth to water: 110.36 ft (33.64 m) below TOC
Water elevation: 235.04 ft (71.64 m) msl

WELL AOB 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 15:57
Depth to water: 116.66 ft (35.56 m) below TOC
Water elevation: 236.94 ft (71.92 m) msl

WELL ARP 1A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 10:40
The well pumped dry before all field parameters were collected.

WELL ARP 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 10:42
Depth to water: 123.39 ft (37.61 m) below TOC
Water elevation: 213.91 ft (65.20 m) msl

WELL ARP 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 10:48
Depth to water: 123.91 ft (37.77 m) below TOC
Water elevation: 215.89 ft (65.80 m) msl

WELL ARP 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 10:38
The well pumped dry before all field parameters were collected.

WELL ASB 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 13:68
Depth to water: 112.71 ft (34.35 m) below TOC
Water elevation: 236.29 ft (72.02 m) msl

WELL ASB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 13:66
Depth to water: 127.66 ft (38.91 m) below TOC
Water elevation: 221.76 ft (67.59 m) msl

WELL ASB 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 13:46
Depth to water: 107.62 ft (32.80 m) below TOC
Water elevation: 237.38 ft (72.35 m) msl

WELL ASB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 13:41
Depth to water: 124.73 ft (38.02 m) below TOC
Water elevation: 221.27 ft (67.44 m) msl

WELL ASB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 13:32
Depth to water: 149.66 ft (45.62 m) below TOC
Water elevation: 186.94 ft (56.68 m) msl

WELL ASB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:21
Depth to water: 109.80 ft (33.47 m) below TOC
Water elevation: 235.20 ft (71.69 m) msl

WELL ASB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:12
Depth to water: 115.80 ft (35.30 m) below TOC
Water elevation: 234.40 ft (71.46 m) msl

WELL ASB 6AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:09
Depth to water: 137.41 ft (41.88 m) below TOC
Water elevation: 218.79 ft (66.08 m) msl

WELL ASB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 14:41
Depth to water: 131.31 ft (40.02 m) below TOC
Water elevation: 222.29 ft (67.75 m) msl

WELL ASB 6TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 14:38
Depth to water: 140.53 ft (42.83 m) below TOC
Water elevation: 212.37 ft (64.73 m) msl

WELL ASB 7_

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:17
Depth to water: 120.33 ft (36.68 m) below TOC
Water elevation: 233.07 ft (71.04 m) msl

WELL ASB 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 13:06
Depth to water: 116.96 ft (35.65 m) below TOC
Water elevation: 232.04 ft (70.73 m) msl

WELL ASB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 12:66
Depth to water: 131.72 ft (40.15 m) below TOC
Water elevation: 217.68 ft (66.32 m) msl

WELL ASB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 12:63
Depth to water: 131.02 ft (39.94 m) below TOC
Water elevation: 218.78 ft (66.68 m) msl

WELL ASB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 12:46
Depth to water: 127.76 ft (38.94 m) below TOC
Water elevation: 221.95 ft (67.65 m) msl

WELL ASB 8TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 12:59
Depth to water: 135.43 ft (41.28 m) below TOC
Water elevation: 214.17 ft (65.28 m) msl

WELL ASB 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 16:44
Depth to water: 69.18 ft (21.09 m) below TOC
Water elevation: 239.82 ft (73.10 m) msl

WELL ASB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 16:42
Depth to water: 90.67 ft (27.64 m) below TOC
Water elevation: 218.33 ft (66.55 m) msl

WATER-LEVEL DATA

WELL ASB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 16:40
Depth to water: 91.20 ft (27.80 m) below TOC
Water elevation: 218.70 ft (66.66 m) msl

WELL ASB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 13:50
Depth to water: 127.18 ft (38.76 m) below TOC
Water elevation: 221.72 ft (67.58 m) msl

WELL MCB 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 12:48
Depth to water: 109.09 ft (33.25 m) below TOC
Water elevation: 219.31 ft (66.86 m) msl

WELL MCB 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 11:52
Depth to water: 130.94 ft (39.91 m) below TOC
Water elevation: 219.46 ft (66.89 m) msl

WELL MCB 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 12:16
Depth to water: 119.56 ft (36.44 m) below TOC
Water elevation: 220.04 ft (67.07 m) msl

WELL MCB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 12:11
Depth to water: 145.87 ft (44.48 m) below TOC
Water elevation: 193.13 ft (58.87 m) msl

WELL MCB 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 12:40
Depth to water: 116.54 ft (35.52 m) below TOC
Water elevation: 215.56 ft (65.70 m) msl

WELL MCB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 12:43
Depth to water: 139.14 ft (42.41 m) below TOC
Water elevation: 192.96 ft (58.81 m) msl

WELL MCB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 12:05
Depth to water: 146.34 ft (44.60 m) below TOC
Water elevation: 191.36 ft (58.33 m) msl

WELL MCB 8D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 11:59
Depth to water: 120.59 ft (36.76 m) below TOC
Water elevation: 220.11 ft (67.09 m) msl

WELL MCB 9D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 12:20
Depth to water: 124.67 ft (38.00 m) below TOC
Water elevation: 218.23 ft (66.52 m) msl

WELL MSB 1B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 14:49
Depth to water: 149.32 ft (45.51 m) below TOC
Water elevation: 206.48 ft (62.93 m) msl

WELL MSB 1C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 14:55
Depth to water: 141.68 ft (43.18 m) below TOC
Water elevation: 213.42 ft (65.06 m) msl

WELL MSB 1CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 14:58
Depth to water: 139.59 ft (42.55 m) below TOC
Water elevation: 215.31 ft (65.63 m) msl

WELL MSB 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 14:53
Depth to water: 126.61 ft (38.59 m) below TOC
Water elevation: 228.29 ft (69.58 m) msl

WELL MSB 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 14:27
Depth to water: 147.19 ft (44.86 m) below TOC
Water elevation: 207.41 ft (63.22 m) msl

WELL MSB 2C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 14:35
Depth to water: 139.96 ft (42.66 m) below TOC
Water elevation: 214.74 ft (65.45 m) msl

WELL MSB 2D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 14:30
Depth to water: 124.65 ft (37.99 m) below TOC
Water elevation: 229.15 ft (69.86 m) msl

WELL MSB 3B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 14:08
Depth to water: 153.87 ft (46.90 m) below TOC
Water elevation: 207.13 ft (63.13 m) msl

WELL MSB 3C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 14:05
Depth to water: 144.91 ft (44.17 m) below TOC
Water elevation: 215.89 ft (65.80 m) msl

WELL MSB 3D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 14:01
Depth to water: 132.14 ft (40.28 m) below TOC
Water elevation: 228.36 ft (69.60 m) msl

WELL MSB 4B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:33
Depth to water: 101.99 ft (31.09 m) below TOC
Water elevation: 253.31 ft (77.21 m) msl

WELL MSB 4C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:36
Depth to water: 143.71 ft (43.80 m) below TOC
Water elevation: 211.49 ft (64.46 m) msl

WELL MSB 4D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:40
Depth to water: 128.48 ft (39.16 m) below TOC
Water elevation: 227.12 ft (69.23 m) msl

WELL MSB 5A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:47
The well pumped dry before all field parameters were collected.

WELL MSB 5B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:42
Depth to water: 140.10 ft (42.70 m) below TOC
Water elevation: 206.40 ft (62.61 m) msl

WELL MSB 5C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:45
Depth to water: 125.12 ft (38.14 m) below TOC
Water elevation: 220.58 ft (67.23 m) msl

WELL MSB 6A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 12:30
Depth to water: 120.34 ft (36.68 m) below TOC
Water elevation: 223.58 ft (68.14 m) msl

WELL MSB 6B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 12:32
Depth to water: 140.41 ft (42.80 m) below TOC
Water elevation: 204.89 ft (62.46 m) msl

WELL MSB 6C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 12:35
Depth to water: 123.34 ft (37.59 m) below TOC
Water elevation: 220.86 ft (67.32 m) msl

WELL MSB 7A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 12:41
Depth to water: 119.55 ft (36.44 m) below TOC
Water elevation: 224.95 ft (68.57 m) msl

WELL MSB 7B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 12:43
Depth to water: 139.97 ft (42.66 m) below TOC
Water elevation: 204.23 ft (62.25 m) msl

WELL MSB 7C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 12:46
Depth to water: 125.21 ft (38.16 m) below TOC
Water elevation: 219.39 ft (66.87 m) msl

WELL MSB 8A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 12:53
The well pumped dry before all field parameters were collected.

WELL MSB 8B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 12:57
Depth to water: 138.25 ft (42.14 m) below TOC
Water elevation: 206.86 ft (62.68 m) msl

WELL MSB 8C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:00
Depth to water: 126.69 ft (38.62 m) below TOC
Water elevation: 217.31 ft (66.24 m) msl

WELL MSB 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:50
Depth to water: 102.74 ft (31.32 m) below TOC
Water elevation: 256.66 ft (78.23 m) msl

WELL MSB 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:53
Depth to water: 132.00 ft (40.23 m) below TOC
Water elevation: 227.60 ft (69.37 m) msl

WELL MSB 9C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:55
The well pumped dry before all field parameters were collected.

WELL MSB 10A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:15
Depth to water: 150.12 ft (45.76 m) below TOC
Water elevation: 204.88 ft (62.46 m) msl

WELL MSB 10B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:20
Depth to water: 147.90 ft (45.08 m) below TOC
Water elevation: 206.80 ft (63.03 m) msl

WELL MSB 10C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:18
Depth to water: 130.55 ft (39.79 m) below TOC
Water elevation: 225.45 ft (68.72 m) msl

WELL MSB 11A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:32
Depth to water: 156.68 ft (47.73 m) below TOC
Water elevation: 208.32 ft (63.50 m) msl

WELL MSB 11B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:34
Depth to water: 151.64 ft (46.19 m) below TOC
Water elevation: 213.26 ft (65.00 m) msl

WATER-LEVEL DATA

WELL MSB 11C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:36
Depth to water: 149.60 ft (45.60 m) below TOC
Water elevation: 216.30 ft (65.62 m) msl

WELL MSB 11D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:38
Depth to water: 138.24 ft (42.14 m) below TOC
Water elevation: 226.96 ft (69.18 m) msl

WELL MSB 11E

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:40
The well was dry.

WELL MSB 11F

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:30
The well pumped dry before all field parameters were collected.

WELL MSB 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:07
Depth to water: 143.39 ft (43.71 m) below TOC
Water elevation: 204.41 ft (62.30 m) msl

WELL MSB 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:00
Depth to water: 134.58 ft (41.02 m) below TOC
Water elevation: 213.82 ft (65.17 m) msl

WELL MSB 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:04
Depth to water: 128.79 ft (39.26 m) below TOC
Water elevation: 219.11 ft (66.79 m) msl

WELL MSB 12D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:09
The well pumped dry before all field parameters were collected.

WELL MSB 12TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 15:57
Depth to water: 157.54 ft (48.02 m) below TOC
Water elevation: 190.96 ft (58.21 m) msl

WELL MSB 12TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 15:52
Depth to water: 157.81 ft (48.10 m) below TOC
Water elevation: 191.09 ft (58.24 m) msl

WELL MSB 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 15:30
Depth to water: 142.20 ft (43.34 m) below TOC
Water elevation: 203.00 ft (61.88 m) msl

WELL MSB 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 15:25
Depth to water: 153.63 ft (46.83 m) below TOC
Water elevation: 191.97 ft (58.51 m) msl

WELL MSB 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 15:38
The well was dry.

WELL MSB 13CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 15:33
Depth to water: 125.20 ft (38.16 m) below TOC
Water elevation: 221.70 ft (67.57 m) msl

WELL MSB 13D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 15:36
Depth to water: 122.32 ft (37.28 m) below TOC
Water elevation: 225.38 ft (68.70 m) msl

WELL MSB 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:19
Depth to water: 136.06 ft (41.47 m) below TOC
Water elevation: 212.24 ft (64.69 m) msl

WELL MSB 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:22
Depth to water: 134.11 ft (40.88 m) below TOC
Water elevation: 214.69 ft (65.41 m) msl

WELL MSB 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:17
The well pumped dry before all field parameters were collected.

WELL MSB 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 8:27
Depth to water: 150.83 ft (45.97 m) below TOC
Water elevation: 216.37 ft (65.95 m) msl

WELL MSB 15AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 8:23
Depth to water: 158.51 ft (48.31 m) below TOC
Water elevation: 210.99 ft (64.31 m) msl

WELL MSB 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 8:29
Depth to water: 121.93 ft (37.16 m) below TOC
Water elevation: 244.67 ft (74.58 m) msl

WELL MSB 15D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 8:25
Depth to water: 139.53 ft (42.53 m) below TOC
Water elevation: 229.27 ft (69.88 m) msl

WELL MSB 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 8:40
Depth to water: 151.07 ft (46.05 m) below TOC
Water elevation: 215.63 ft (65.72 m) msl

WELL MSB 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 8:38
The well pumped dry before all field parameters were collected.

WELL MSB 17A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 12:01
Depth to water: 146.10 ft (44.53 m) below TOC
Water elevation: 211.90 ft (64.59 m) msl

WELL MSB 17B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:57
Depth to water: 136.51 ft (41.61 m) below TOC
Water elevation: 221.39 ft (67.48 m) msl

WELL MSB 17BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:55
Depth to water: 149.90 ft (45.69 m) below TOC
Water elevation: 208.40 ft (63.83 m) msl

WELL MSB 17C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 12:03
The well was dry.

WELL MSB 17D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:59
Depth to water: 135.98 ft (41.45 m) below TOC
Water elevation: 224.22 ft (68.34 m) msl

WELL MSB 18A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 9:46
Depth to water: 133.06 ft (40.56 m) below TOC
Water elevation: 207.14 ft (63.14 m) msl

WELL MSB 18B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 9:44
Depth to water: 123.97 ft (37.79 m) below TOC
Water elevation: 216.33 ft (65.94 m) msl

WELL MSB 18C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 9:42
Depth to water: 118.86 ft (36.23 m) below TOC
Water elevation: 221.74 ft (67.59 m) msl

WELL MSB 19A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 15:28
Depth to water: 87.60 ft (26.70 m) below TOC
Water elevation: 211.90 ft (64.59 m) msl

WELL MSB 19B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 15:34
Depth to water: 85.42 ft (26.04 m) below TOC
Water elevation: 214.48 ft (65.37 m) msl

WELL MSB 19C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 15:31
Depth to water: 63.53 ft (19.36 m) below TOC
Water elevation: 236.67 ft (72.14 m) msl

WELL MSB 20A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 9:08
Depth to water: 139.56 ft (42.54 m) below TOC
Water elevation: 214.44 ft (65.36 m) msl

WELL MSB 20C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 9:06
The well pumped dry before all field parameters were collected

WELL MSB 21A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 8:52
Depth to water: 136.67 ft (41.66 m) below TOC
Water elevation: 216.73 ft (66.06 m) msl

WELL MSB 21B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 8:56
Depth to water: 137.57 ft (41.93 m) below TOC
Water elevation: 217.73 ft (66.36 m) msl

WELL MSB 21C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 8:54
Depth to water: 128.22 ft (39.08 m) below TOC
Water elevation: 226.18 ft (68.64 m) msl

WELL MSB 21TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 8:50
Depth to water: 161.70 ft (49.29 m) below TOC
Water elevation: 193.00 ft (58.83 m) msl

WELL MSB 22

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:57
The well pumped dry before all field parameters were collected

WELL MSB 23

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: Not available
The well pumped dry before all field parameters were collected

WELL MSB 23B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:30
Depth to water: 149.01 ft (45.42 m) below TOC
Water elevation: 222.69 ft (67.85 m) msl

WATER-LEVEL DATA

WELL MSB 23TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:33
Depth to water: 172.83 ft (52.68 m) below TOC
Water elevation: 200.07 ft (60.98 m) msl

WELL MSB 24

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:44
Depth to water: 141.10 ft (43.01 m) below TOC
Water elevation: 239.10 ft (72.88 m) msl

WELL MSB 24A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:46
Depth to water: 156.63 ft (47.74 m) below TOC
Water elevation: 224.97 ft (68.57 m) msl

WELL MSB 25

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: Not available
The well pumped dry before all field parameters were collected.

WELL MSB 25A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 13:28
Depth to water: 148.28 ft (45.20 m) below TOC
Water elevation: 217.12 ft (66.18 m) msl

WELL MSB 26

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 8:44
The well pumped dry before all field parameters were collected.

WELL MSB 26A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 8:46
Depth to water: 139.43 ft (42.50 m) below TOC
Water elevation: 221.47 ft (67.50 m) msl

WELL MSB 26B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 8:42
Depth to water: 147.07 ft (44.83 m) below TOC
Water elevation: 216.13 ft (65.88 m) msl

WELL MSB 27

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 13:56
Depth to water: 138.48 ft (42.52 m) below TOC
Water elevation: 236.01 ft (71.94 m) msl

WELL MSB 27A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: Not available
The well pumped dry before all field parameters were collected.

WELL MSB 27B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:17
Depth to water: 151.74 ft (46.25 m) below TOC
Water elevation: 225.06 ft (68.60 m) msl

WELL MSB 27TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:10
Depth to water: 176.94 ft (53.93 m) below TOC
Water elevation: 199.66 ft (60.86 m) msl

WELL MSB 28

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 9:22
Depth to water: 126.72 ft (38.62 m) below TOC
Water elevation: 227.68 ft (69.40 m) msl

WELL MSB 28A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 9:20
Depth to water: 133.75 ft (40.77 m) below TOC
Water elevation: 220.46 ft (67.18 m) msl

WELL MSB 29A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:52
Depth to water: 146.62 ft (44.69 m) below TOC
Water elevation: 218.78 ft (66.68 m) msl

WELL MSB 29B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:56
Depth to water: 142.42 ft (43.41 m) below TOC
Water elevation: 222.78 ft (67.90 m) msl

WELL MSB 29C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:58
Depth to water: 136.30 ft (41.54 m) below TOC
Water elevation: 228.90 ft (69.77 m) msl

WELL MSB 29D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:54
Depth to water: 134.59 ft (41.02 m) below TOC
Water elevation: 230.61 ft (70.26 m) msl

WELL MSB 29DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 10:00
The well was dry.

WELL MSB 29TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:50
Depth to water: 164.24 ft (47.01 m) below TOC
Water elevation: 210.96 ft (64.30 m) msl

WELL MSB 30A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 9:26
Depth to water: 157.63 ft (48.05 m) below TOC
Water elevation: 196.97 ft (60.04 m) msl

WELL MSB 30AA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 9:23
Depth to water: 131.10 ft (39.96 m) below TOC
Water elevation: 221.50 ft (67.51 m) msl

WELL MSB 30B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 9:29
Depth to water: 130.20 ft (39.69 m) below TOC
Water elevation: 222.90 ft (67.94 m) msl

WELL MSB 30C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 9:33
Depth to water: 126.08 ft (38.43 m) below TOC
Water elevation: 228.82 ft (69.75 m) msl

WELL MSB 30CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 9:31
Depth to water: 130.99 ft (39.93 m) below TOC
Water elevation: 222.71 ft (67.88 m) msl

WELL MSB 31A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 16:18
Depth to water: 151.47 ft (46.17 m) below TOC
Water elevation: 196.73 ft (59.66 m) msl

WELL MSB 31B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 16:22
Depth to water: 137.80 ft (42.00 m) below TOC
Water elevation: 209.70 ft (63.92 m) msl

WELL MSB 31C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 16:20
Depth to water: 115.66 ft (35.25 m) below TOC
Water elevation: 231.64 ft (70.60 m) msl

WELL MSB 31CC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 16:24
Depth to water: 137.95 ft (42.05 m) below TOC
Water elevation: 210.85 ft (64.27 m) msl

WELL MSB 32

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 15:40
Depth to water: 30.06 ft (9.16 m) below TOC
Water elevation: 225.24 ft (68.66 m) msl

WELL MSB 33

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 11:31
Depth to water: 37.02 ft (11.28 m) below TOC
Water elevation: 219.58 ft (66.93 m) msl

WELL MSB 33A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 11:37
Depth to water: 51.53 ft (15.71 m) below TOC
Water elevation: 203.87 ft (62.14 m) msl

WELL MSB 33B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 11:39
Depth to water: 47.44 ft (14.46 m) below TOC
Water elevation: 207.76 ft (63.33 m) msl

WELL MSB 33C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 11:42
Depth to water: 44.74 ft (13.64 m) below TOC
Water elevation: 210.56 ft (64.18 m) msl

WELL MSB 33TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 11:34
Depth to water: 62.16 ft (18.95 m) below TOC
Water elevation: 193.34 ft (58.93 m) msl

WELL MSB 34A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:08
Depth to water: 166.12 ft (50.63 m) below TOC
Water elevation: 217.08 ft (66.17 m) msl

WELL MSB 34B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:10
Depth to water: 157.69 ft (48.06 m) below TOC
Water elevation: 225.41 ft (68.71 m) msl

WELL MSB 34C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:12
The well pumped dry before all field parameters were collected.

WELL MSB 34TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:14
Depth to water: 182.57 ft (55.65 m) below TOC
Water elevation: 199.93 ft (60.94 m) msl

WELL MSB 34TB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:16
Depth to water: 182.98 ft (55.77 m) below TOC
Water elevation: 199.82 ft (60.91 m) msl

WELL MSB 35A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 16:01
Depth to water: 136.28 ft (41.54 m) below TOC
Water elevation: 214.82 ft (65.48 m) msl

WELL MSB 35B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 15:59
Depth to water: 134.11 ft (40.88 m) below TOC
Water elevation: 217.69 ft (66.36 m) msl

WELL MSB 35D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: Not available
The well pumped dry before all field parameters were collected.

WELL MSB 35TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 16:03
Depth to water: 151.84 ft (46.28 m) below TOC
Water elevation: 198.56 ft (60.52 m) msl

WATER-LEVEL DATA

WELL MSB 36A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:02
Depth to water: 133.96 ft (40.83 m) below TOC
Water elevation: 206.64 ft (62.98 m) msl

WELL MSB 36B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:05
Depth to water: 128.41 ft (39.14 m) below TOC
Water elevation: 212.29 ft (64.71 m) msl

WELL MSB 36C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:08
Depth to water: 128.45 ft (39.15 m) below TOC
Water elevation: 212.35 ft (64.73 m) msl

WELL MSB 36D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:10
The well pumped dry before all field parameters were collected.

WELL MSB 36TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 13:58
Depth to water: 146.93 ft (44.78 m) below TOC
Water elevation: 193.67 ft (59.03 m) msl

WELL MSB 37A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 8:52
Depth to water: 177.14 ft (53.99 m) below TOC
Water elevation: 205.96 ft (62.78 m) msl

WELL MSB 37B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 8:54
Depth to water: 164.65 ft (50.19 m) below TOC
Water elevation: 218.15 ft (66.49 m) msl

WELL MSB 37C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 8:56
Depth to water: 156.58 ft (47.73 m) below TOC
Water elevation: 226.52 ft (69.04 m) msl

WELL MSB 37D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 8:58
Depth to water: 163.40 ft (46.76 m) below TOC
Water elevation: 229.40 ft (69.92 m) msl

WELL MSB 37TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 8:50
Depth to water: 176.58 ft (53.82 m) below TOC
Water elevation: 205.82 ft (62.73 m) msl

WELL MSB 38B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:36
Depth to water: 146.59 ft (44.68 m) below TOC
Water elevation: 210.01 ft (64.01 m) msl

WELL MSB 38C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:36
Depth to water: 143.64 ft (43.78 m) below TOC
Water elevation: 212.66 ft (64.82 m) msl

WELL MSB 38D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:40
The well pumped dry before all field parameters were collected.

WELL MSB 38TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:30
Depth to water: 162.24 ft (49.45 m) below TOC
Water elevation: 194.46 ft (59.27 m) msl

WELL MSB 39A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 12:58
Depth to water: 135.07 ft (41.17 m) below TOC
Water elevation: 206.63 ft (62.95 m) msl

WELL MSB 39B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 13:02
Depth to water: 132.59 ft (40.41 m) below TOC
Water elevation: 209.21 ft (63.77 m) msl

WELL MSB 39C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 13:06
Depth to water: 128.62 ft (39.20 m) below TOC
Water elevation: 212.88 ft (64.89 m) msl

WELL MSB 39D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 13:09
Depth to water: 112.06 ft (34.16 m) below TOC
Water elevation: 229.64 ft (70.00 m) msl

WELL MSB 39TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 12:56
Depth to water: 150.24 ft (45.79 m) below TOC
Water elevation: 191.66 ft (58.39 m) msl

WELL MSB 40A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 8:04
Depth to water: 119.91 ft (36.55 m) below TOC
Water elevation: 201.29 ft (61.36 m) msl

WELL MSB 40B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 7:57
Depth to water: 118.86 ft (36.23 m) below TOC
Water elevation: 202.84 ft (61.83 m) msl

WELL MSB 40C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 13:24
The well pumped dry before all field parameters were collected.

WELL MSB 40D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 13:30
The well pumped dry before all field parameters were collected.

WELL MSB 40TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 13:28
Depth to water: 132.62 ft (40.42 m) below TOC
Water elevation: 188.18 ft (57.36 m) msl

WELL MSB 41A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:33
Depth to water: 108.39 ft (33.04 m) below TOC
Water elevation: 216.41 ft (65.66 m) msl

WELL MSB 41B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:35
Depth to water: 108.48 ft (33.07 m) below TOC
Water elevation: 216.52 ft (65.69 m) msl

WELL MSB 41C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:39
Depth to water: 108.39 ft (33.04 m) below TOC
Water elevation: 216.21 ft (65.90 m) msl

WELL MSB 41D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:41
The well pumped dry before all field parameters were collected.

WELL MSB 41TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:28
Depth to water: 119.00 ft (36.27 m) below TOC
Water elevation: 204.70 ft (62.39 m) msl

WELL MSB 42A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 8:36
Depth to water: 158.87 ft (48.42 m) below TOC
Water elevation: 217.73 ft (66.36 m) msl

WELL MSB 42B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 8:38
Depth to water: 152.26 ft (46.41 m) below TOC
Water elevation: 224.24 ft (68.36 m) msl

WELL MSB 42C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 8:40
The well pumped dry before all field parameters were collected.

WELL MSB 42D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 8:42
The well was dry.

WELL MSB 42TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 8:34
Depth to water: 172.29 ft (52.51 m) below TOC
Water elevation: 204.41 ft (62.30 m) msl

WELL MSB 43A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:36
Depth to water: 130.12 ft (39.66 m) below TOC
Water elevation: 227.78 ft (69.43 m) msl

WELL MSB 43B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:38
Depth to water: 130.12 ft (39.66 m) below TOC
Water elevation: 227.88 ft (69.46 m) msl

WELL MSB 43D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:40
Depth to water: 128.40 ft (39.14 m) below TOC
Water elevation: 229.10 ft (69.83 m) msl

WELL MSB 43DD

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:42
Depth to water: 128.11 ft (39.05 m) below TOC
Water elevation: 229.99 ft (70.10 m) msl

WELL MSB 43TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:34
Depth to water: 155.69 ft (47.46 m) below TOC
Water elevation: 201.91 ft (61.54 m) msl

WELL MSB 44A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:57
Depth to water: 160.88 ft (49.04 m) below TOC
Water elevation: 216.02 ft (65.84 m) msl

WELL MSB 44B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 15:03
Depth to water: 154.71 ft (47.16 m) below TOC
Water elevation: 222.39 ft (67.79 m) msl

WELL MSB 44C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:52
Depth to water: 143.34 ft (43.69 m) below TOC
Water elevation: 234.56 ft (71.49 m) msl

WELL MSB 45A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 16:34
Depth to water: 167.02 ft (50.91 m) below TOC
Water elevation: 214.08 ft (65.25 m) msl

WELL MSB 45B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 16:36
Depth to water: 157.88 ft (48.12 m) below TOC
Water elevation: 223.22 ft (68.04 m) msl

WATER-LEVEL DATA

WELL MSB 45C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 16:38
The well was dry.

WELL MSB 46A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:46
Depth to water: 159.32 ft (48.56 m) below TOC
Water elevation: 213.38 ft (65.04 m) msl

WELL MSB 46B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:49
The well pumped dry before all field parameters were collected.

WELL MSB 46C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:47
The well was dry.

WELL MSB 47B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:37
Depth to water: 143.02 ft (43.59 m) below TOC
Water elevation: 225.98 ft (68.88 m) msl

WELL MSB 47BB

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:44
Depth to water: 150.60 ft (45.90 m) below TOC
Water elevation: 218.50 ft (66.60 m) msl

WELL MSB 47C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:32
Depth to water: 138.27 ft (42.16 m) below TOC
Water elevation: 231.03 ft (70.42 m) msl

WELL MSB 47D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:28
Depth to water: 137.36 ft (41.87 m) below TOC
Water elevation: 231.84 ft (70.67 m) msl

WELL MSB 47TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 14:41
Depth to water: 153.44 ft (46.77 m) below TOC
Water elevation: 215.56 ft (65.70 m) msl

WELL MSB 48A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 12:36
Depth to water: 140.98 ft (42.97 m) below TOC
Water elevation: 221.22 ft (67.43 m) msl

WELL MSB 48B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 12:39
Depth to water: 139.46 ft (42.51 m) below TOC
Water elevation: 222.44 ft (67.80 m) msl

WELL MSB 48C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 12:30
Depth to water: 139.84 ft (42.62 m) below TOC
Water elevation: 223.06 ft (67.99 m) msl

WELL MSB 48D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 12:26
Depth to water: 132.11 ft (40.27 m) below TOC
Water elevation: 231.09 ft (70.44 m) msl

WELL MSB 48TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 12:34
Depth to water: 141.42 ft (43.11 m) below TOC
Water elevation: 220.98 ft (67.36 m) msl

WELL MSB 49A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 10:25
Depth to water: 139.76 ft (42.60 m) below TOC
Water elevation: 196.64 ft (59.63 m) msl

WELL MSB 49B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 10:23
Depth to water: 134.12 ft (40.88 m) below TOC
Water elevation: 200.68 ft (61.17 m) msl

WELL MSB 49D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 10:21
Depth to water: 109.20 ft (33.28 m) below TOC
Water elevation: 225.00 ft (68.58 m) msl

WELL MSB 50B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 8:52
Depth to water: 21.37 ft (6.51 m) below TOC
Water elevation: 202.63 ft (61.76 m) msl

WELL MSB 50D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 8:54
Depth to water: 20.58 ft (6.27 m) below TOC
Water elevation: 202.92 ft (61.86 m) msl

WELL MSB 51B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:08
Depth to water: 59.25 ft (18.06 m) below TOC
Water elevation: 204.25 ft (62.26 m) msl

WELL MSB 51D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:10
Depth to water: 52.49 ft (16.00 m) below TOC
Water elevation: 210.01 ft (64.01 m) msl

WELL MSB 52B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 16:32
Depth to water: 140.21 ft (42.74 m) below TOC
Water elevation: 181.69 ft (55.38 m) msl

WELL MSB 52D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 16:30
Depth to water: 84.99 ft (25.91 m) below TOC
Water elevation: 236.81 ft (72.18 m) msl

WELL MSB 53B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:10
Depth to water: 124.12 ft (37.83 m) below TOC
Water elevation: 220.48 ft (67.20 m) msl

WELL MSB 53C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:16
Depth to water: 124.13 ft (37.84 m) below TOC
Water elevation: 221.37 ft (67.47 m) msl

WELL MSB 53D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:13
Depth to water: 113.50 ft (34.60 m) below TOC
Water elevation: 231.60 ft (70.59 m) msl

WELL MSB 54B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 10:46
Depth to water: 153.04 ft (46.65 m) below TOC
Water elevation: 220.66 ft (67.26 m) msl

WELL MSB 54C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 10:43
Depth to water: 148.66 ft (45.28 m) below TOC
Water elevation: 225.14 ft (68.62 m) msl

WELL MSB 54D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 10:54
Depth to water: 142.40 ft (43.40 m) below TOC
Water elevation: 231.60 ft (70.59 m) msl

WELL MSB 54TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 10:50
Depth to water: 155.66 ft (47.44 m) below TOC
Water elevation: 218.15 ft (66.49 m) msl

WELL MSB 55B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 11:23
Depth to water: 148.67 ft (45.28 m) below TOC
Water elevation: 220.33 ft (67.16 m) msl

WELL MSB 55C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 11:29
Depth to water: 141.66 ft (43.18 m) below TOC
Water elevation: 227.86 ft (69.46 m) msl

WELL MSB 55D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 11:35
The well pumped dry before all field parameters were collected

WELL MSB 55HC

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 11:26
Depth to water: 137.72 ft (41.98 m) below TOC
Water elevation: 231.08 ft (70.43 m) msl

WELL MSB 55TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 11:33
Depth to water: 155.93 ft (47.53 m) below TOC
Water elevation: 212.87 ft (64.88 m) msl

WELL MSB 56D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 9:28
Depth to water: 59.36 ft (18.09 m) below TOC
Water elevation: 220.44 ft (67.19 m) msl

WELL MSB 57D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 14:42
Depth to water: 126.97 ft (38.70 m) below TOC
Water elevation: 229.23 ft (69.87 m) msl

WELL MSB 58D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 14:18
Depth to water: 128.96 ft (39.31 m) below TOC
Water elevation: 228.94 ft (69.78 m) msl

WELL MSB 59D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:46
Depth to water: 131.77 ft (40.16 m) below TOC
Water elevation: 227.53 ft (69.35 m) msl

WELL MSB 60D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:28
Depth to water: 126.72 ft (38.62 m) below TOC
Water elevation: 227.78 ft (69.43 m) msl

WELL MSB 61C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:31
Depth to water: 96.00 ft (29.26 m) below TOC
Water elevation: 221.60 ft (67.54 m) msl

WELL MSB 61D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:28
Depth to water: 94.64 ft (28.85 m) below TOC
Water elevation: 223.46 ft (68.11 m) msl

WELL MSB 62B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 15:12
Depth to water: 143.98 ft (43.89 m) below TOC
Water elevation: 205.12 ft (62.52 m) msl

WELL MSB 62C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 15:16
Depth to water: 128.79 ft (39.26 m) below TOC
Water elevation: 220.31 ft (67.15 m) msl

WATER-LEVEL DATA

WELL MSB 62D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 16:19
Depth to water: 122.94 ft (37.47 m) below TOC
Water elevation: 226.66 ft (69.06 m) msl

WELL MSB 63B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:13
Depth to water: 140.97 ft (42.97 m) below TOC
Water elevation: 208.03 ft (62.80 m) msl

WELL MSB 63C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:08
Depth to water: 129.17 ft (39.37 m) below TOC
Water elevation: 217.93 ft (66.43 m) msl

WELL MSB 63D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 13:06
Depth to water: 119.93 ft (36.56 m) below TOC
Water elevation: 226.87 ft (68.15 m) msl

WELL MSB 64B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 12:08
Depth to water: 143.63 ft (43.78 m) below TOC
Water elevation: 205.07 ft (62.51 m) msl

WELL MSB 64C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 12:10
Depth to water: 128.86 ft (39.28 m) below TOC
Water elevation: 219.84 ft (67.01 m) msl

WELL MSB 64D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 12:12
Depth to water: 124.45 ft (37.93 m) below TOC
Water elevation: 224.55 ft (68.44 m) msl

WELL MSB 65D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 14:15
Depth to water: 117.72 ft (35.88 m) below TOC
Water elevation: 231.78 ft (70.66 m) msl

WELL MSB 66B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 15:35
Depth to water: 165.28 ft (50.38 m) below TOC
Water elevation: 218.22 ft (66.51 m) msl

WELL MSB 66C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 15:33
Depth to water: 156.46 ft (47.69 m) below TOC
Water elevation: 227.05 ft (69.21 m) msl

WELL MSB 66D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 15:31
Depth to water: 154.21 ft (47.00 m) below TOC
Water elevation: 229.09 ft (69.83 m) msl

WELL MSB 66TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 15:37
Depth to water: 177.66 ft (54.12 m) below TOC
Water elevation: 205.24 ft (62.56 m) msl

WELL MSB 67B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 15:04
Depth to water: 147.73 ft (45.03 m) below TOC
Water elevation: 217.37 ft (66.26 m) msl

WELL MSB 67C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 15:07
Depth to water: 138.63 ft (42.25 m) below TOC
Water elevation: 226.17 ft (68.94 m) msl

WELL MSB 67D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 15:00
Depth to water: 134.16 ft (40.89 m) below TOC
Water elevation: 230.84 ft (70.36 m) msl

WELL MSB 68B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 15:20
Depth to water: 139.06 ft (42.39 m) below TOC
Water elevation: 217.84 ft (66.40 m) msl

WELL MSB 68C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 15:16
Depth to water: 131.65 ft (40.13 m) below TOC
Water elevation: 225.05 ft (68.60 m) msl

WELL MSB 68D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 15:18
Depth to water: 125.48 ft (38.25 m) below TOC
Water elevation: 231.52 ft (70.57 m) msl

WELL MSB 69B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 10:30
Depth to water: 162.29 ft (49.47 m) below TOC
Water elevation: 219.41 ft (66.88 m) msl

WELL MSB 69C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 10:32
Depth to water: 155.47 ft (47.39 m) below TOC
Water elevation: 226.33 ft (68.99 m) msl

WELL MSB 69D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 10:34
Depth to water: 150.78 ft (45.96 m) below TOC
Water elevation: 231.42 ft (70.54 m) msl

WELL MSB 69TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 10:28
Depth to water: 167.63 ft (51.09 m) below TOC
Water elevation: 213.87 ft (65.19 m) msl

WELL MSB 70C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:46
Depth to water: 147.70 ft (45.02 m) below TOC
Water elevation: 214.60 ft (65.38 m) msl

WELL MSB 70D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:48
Depth to water: 144.10 ft (43.92 m) below TOC
Water elevation: 218.40 ft (66.57 m) msl

WELL MSB 71B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 10:10
Depth to water: 130.30 ft (39.72 m) below TOC
Water elevation: 214.80 ft (65.47 m) msl

WELL MSB 72B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:45
Depth to water: 129.88 ft (39.59 m) below TOC
Water elevation: 198.32 ft (60.45 m) msl

WELL MSB 73B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 10:35
Depth to water: 141.02 ft (42.98 m) below TOC
Water elevation: 199.38 ft (60.77 m) msl

WELL MSB 74B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 11:20
Depth to water: 104.70 ft (31.91 m) below TOC
Water elevation: 209.80 ft (63.95 m) msl

WELL MSB 74C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 11:23
Depth to water: 105.16 ft (32.05 m) below TOC
Water elevation: 209.84 ft (63.96 m) msl

WELL MSB 74D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 11:25
Depth to water: 82.70 ft (25.21 m) below TOC
Water elevation: 232.40 ft (70.84 m) msl

WELL MSB 75B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 13:41
Depth to water: 118.46 ft (36.10 m) below TOC
Water elevation: 208.26 ft (63.48 m) msl

WELL MSB 75C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 13:38
Depth to water: 119.62 ft (36.46 m) below TOC
Water elevation: 207.88 ft (63.36 m) msl

WELL MSB 76C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 10:00
Depth to water: 134.64 ft (41.04 m) below TOC
Water elevation: 218.16 ft (66.50 m) msl

WELL MSB 77B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:58
Depth to water: 136.04 ft (41.47 m) below TOC
Water elevation: 221.66 ft (67.56 m) msl

WELL MSB 77C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:01
Depth to water: 135.28 ft (41.23 m) below TOC
Water elevation: 222.42 ft (67.79 m) msl

WELL MSB 77D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 10:04
Depth to water: 123.78 ft (37.73 m) below TOC
Water elevation: 234.02 ft (71.33 m) msl

WELL MSB 77TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:55
Depth to water: 137.18 ft (41.81 m) below TOC
Water elevation: 220.22 ft (67.12 m) msl

WELL MSB 78D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/19/91 Time: 9:55
Depth to water: 142.67 ft (43.49 m) below TOC
Water elevation: 220.93 ft (67.34 m) msl

WELL MSB 79B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 11:08
Depth to water: 142.43 ft (43.41 m) below TOC
Water elevation: 205.67 ft (62.66 m) msl

WELL MSB 79C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 11:05
Depth to water: 139.25 ft (42.44 m) below TOC
Water elevation: 208.66 ft (63.57 m) msl

WELL MSB 81B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 9:47
Depth to water: 49.26 ft (15.01 m) below TOC
Water elevation: 217.94 ft (66.43 m) msl

WELL MSB 82A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 10:18
Depth to water: 147.96 ft (45.10 m) below TOC
Water elevation: 226.54 ft (69.05 m) msl

WELL MSB 82B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 10:20
Depth to water: 155.59 ft (47.42 m) below TOC
Water elevation: 218.81 ft (66.69 m) msl

WELL MSB 82C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 10:14
Depth to water: 146.89 ft (44.77 m) below TOC
Water elevation: 227.11 ft (69.22 m) msl

WATER-LEVEL DATA

WELL MSB 82D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 10:16
Depth to water: 142.67 ft (43.49 m) below TOC
Water elevation: 231.03 ft (70.42 m) msl

WELL MSB 82TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 10:12
Depth to water: 160.78 ft (49.01 m) below TOC
Water elevation: 213.01 ft (64.93 m) msl

WELL MSB 83B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 11:11
Depth to water: 151.65 ft (46.22 m) below TOC
Water elevation: 220.3E ft (67.16 m) msl

WELL MSB 83C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 11:00
Depth to water: 145.30 ft (44.29 m) below TOC
Water elevation: 226.80 ft (69.13 m) msl

WELL MSB 83D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 11:03
Depth to water: 140.27 ft (42.75 m) below TOC
Water elevation: 231.43 ft (70.54 m) msl

WELL MSB 83TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 11:07
Depth to water: 157.57 ft (48.03 m) below TOC
Water elevation: 214.23 ft (65.30 m) msl

WELL MSB 84C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 11:17
Depth to water: 133.91 ft (40.82 m) below TOC
Water elevation: 228.09 ft (69.52 m) msl

WELL MSB 85B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 11:50
Depth to water: 160.34 ft (48.87 m) below TOC
Water elevation: 220.46 ft (67.20 m) msl

WELL MSB 85C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 11:43
Depth to water: 167.80 ft (48.10 m) below TOC
Water elevation: 223.60 ft (68.15 m) msl

WELL MSB 85D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 11:53
Depth to water: 149.87 ft (45.68 m) below TOC
Water elevation: 231.53 ft (70.57 m) msl

WELL MSB 85TA

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 11:40
Depth to water: 161.04 ft (49.09 m) below TOC
Water elevation: 219.96 ft (67.04 m) msl

WELL MSB 86C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/20/91 Time: 11:59
Depth to water: 134.31 ft (40.94 m) below TOC
Water elevation: 223.09 ft (68.00 m) msl

WELL SLW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/91 Time: 12:51
Depth to water: 133.28 ft (40.62 m) below TOC
Water elevation: 170.82 ft (52.07 m) msl

WELL SLW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/91 Time: 13:48
Depth to water: 122.68 ft (37.39 m) below TOC
Water elevation: 181.92 ft (55.45 m) msl

WELL SLW 3

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/91 Time: 13:41
Depth to water: 91.44 ft (27.87 m) below TOC
Water elevation: 187.26 ft (57.08 m) msl

WELL SLW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/91 Time: 13:02
Depth to water: 105.04 ft (32.02 m) below TOC
Water elevation: 195.66 ft (59.64 m) msl

WELL SLW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/91 Time: 13:14
Depth to water: 47.16 ft (14.37 m) below TOC
Water elevation: 194.84 ft (59.39 m) msl

WELL SLW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/91 Time: 13:10
Depth to water: 51.59 ft (15.72 m) below TOC
Water elevation: 199.91 ft (60.93 m) msl

WELL SLW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/91 Time: 13:25
Depth to water: 47.91 ft (14.60 m) below TOC
Water elevation: 183.19 ft (55.84 m) msl

WELL SLW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/29/91 Time: 13:32
Depth to water: 61.43 ft (18.72 m) below TOC
Water elevation: 196.07 ft (59.76 m) msl

WELL SRW 1

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:05
The well pumped dry before all field parameters were collected

WELL SRW 2

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:04
Depth to water: 108.93 ft (33.20 m) below TOC
Water elevation: 211.67 ft (64.52 m) msl

WELL SRW 2A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:00
Depth to water: 115.94 ft (35.34 m) below TOC
Water elevation: 204.66 ft (62.38 m) msl

WELL SRW 2B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:02
Depth to water: 114.95 ft (35.04 m) below TOC
Water elevation: 205.65 ft (62.68 m) msl

WELL SRW 3A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:55
Depth to water: 121.76 ft (37.11 m) below TOC
Water elevation: 210.34 ft (64.11 m) msl

WELL SRW 4

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:14
The well pumped dry before all field parameters were collected.

WELL SRW 5

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:12
Depth to water: 101.20 ft (30.85 m) below TOC
Water elevation: 208.20 ft (63.46 m) msl

WELL SRW 6

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:08
Depth to water: 98.70 ft (30.08 m) below TOC
Water elevation: 209.00 ft (63.70 m) msl

WELL SRW 7

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:16
The well pumped dry before all field parameters were collected.

WELL SRW 8

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:31
Depth to water: 82.24 ft (25.07 m) below TOC
Water elevation: 205.86 ft (62.76 m) msl

WELL SRW 9

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:40
Depth to water: 56.11 ft (17.10 m) below TOC
Water elevation: 197.29 ft (60.13 m) msl

WELL SRW 9A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:38
Depth to water: 55.90 ft (17.04 m) below TOC
Water elevation: 197.40 ft (60.17 m) msl

WELL SRW 9B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:26
Depth to water: 55.13 ft (16.80 m) below TOC
Water elevation: 198.27 ft (60.43 m) msl

WELL SRW 10

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:18
The well pumped dry before all field parameters were collected.

WELL SRW 11

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:20
The well pumped dry before all field parameters were collected.

WELL SRW 12A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:44
Depth to water: 42.46 ft (12.94 m) below TOC
Water elevation: 193.84 ft (59.08 m) msl

WELL SRW 12B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:48
Depth to water: 46.26 ft (14.10 m) below TOC
Water elevation: 190.04 ft (57.92 m) msl

WELL SRW 12C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:46
Depth to water: 40.25 ft (12.27 m) below TOC
Water elevation: 196.05 ft (59.76 m) msl

WELL SRW 13A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:24
Depth to water: 97.93 ft (29.85 m) below TOC
Water elevation: 199.77 ft (60.89 m) msl

WELL SRW 13B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:26
Depth to water: 96.26 ft (29.34 m) below TOC
Water elevation: 201.44 ft (61.40 m) msl

WELL SRW 13C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:28
Depth to water: 91.35 ft (27.84 m) below TOC
Water elevation: 206.35 ft (62.90 m) msl

WELL SRW 14A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:13
Depth to water: 125.55 ft (38.27 m) below TOC
Water elevation: 201.46 ft (61.40 m) msl

WELL SRW 14B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:15
Depth to water: 123.79 ft (37.73 m) below TOC
Water elevation: 203.11 ft (61.91 m) msl

WELL SRW 14C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 10:17
The well pumped dry before all field parameters were collected.

WATER-LEVEL DATA

WELL SRW 15A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:24
Depth to water: 111.80 ft (34.08 m) below TOC
Water elevation: 207.30 ft (63.19 m) msl

WELL SRW 15B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:28
Depth to water: 111.60 ft (34.02 m) below TOC
Water elevation: 207.50 ft (63.26 m) msl

WELL SRW 15C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 11:26
Depth to water: 109.28 ft (33.31 m) below TOC
Water elevation: 209.82 ft (63.96 m) msl

WELL SRW 16A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 9:54
Depth to water: 135.59 ft (41.33 m) below TOC
Water elevation: 211.21 ft (64.38 m) msl

WELL SRW 16B

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 9:56
Depth to water: 134.94 ft (41.13 m) below TOC
Water elevation: 211.86 ft (64.58 m) msl

WELL SRW 16C

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/18/91 Time: 9:58
Depth to water: 134.29 ft (40.93 m) below TOC
Water elevation: 212.31 ft (64.71 m) msl

WELL YSC 1D

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 13:14
Depth to water: 53.90 ft (16.43 m) below TOC
Water elevation: 220.60 ft (67.21 m) msl

WELL YSC 4A

MEASUREMENTS CONDUCTED IN THE FIELD

Sample date: 03/21/91 Time: 13:00
Depth to water: 113.33 ft (34.54 m) below TOC
Water elevation: 176.87 ft (53.91 m) msl

11. SITE INDEX BY WELL SERIES

Well Series	Site
ABP	A-Area Metals Burning Pit
ABW	A-Area Background Well Near Firing Range
AC	A-Area Cluster Perimeter Wells
	M-Area 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
	Burial Grounds Grid Wells
	Just North of the Burial Grounds
	Just Outside the Fence Surrounding the Burial Grounds
BG-I Well	F Area
BGO	Burial Grounds Perimeter Wells
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 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

SITE INDEX BY WELL SERIES

Well Series	Site
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	Background Well Near Hawthorne Fire Tower
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 Characterization Wells, Site B
IDP	Interim Waste Technology Site Characterization Wells, Site P
IDQ	Interim Waste Technology Site Characterization Wells, Site Q
K	K-Area Wind Tower Piezometers at B-Road
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, Monitoring Grid Wells for Burial Grounds
MGC	Series C, Monitoring Grid Wells for Burial Grounds
MGE	Series E, Monitoring Grid Wells for Burial Grounds
MGG	Series G, Monitoring Grid Wells for Burial Grounds

SITE INDEX BY WELL SERIES

Well Series	Site
MSB	M-Area Hazardous Waste Management Facility (HWMF)
	M-Area Plume Definition Wells
NBG	Wells Between the F-Area Canyon Building and the Naval Fuel Material Facility
P	B-Area Microbiology Wells [P 29]
	F-Area Microbiology Wells [P 28]
	TNX-Area Background Wells [P 26]
PAC	P-Area Acid/Caustic Basin
PCB	P-Area Coal Pile Runoff Containment Basin
PDB	P-Area Disassembly Basin
PRP	P-Area Burning/Rubble Pit
PSB	P-Area Reactor Seepage Basins
PSS	Par Pond Sludge Land Application Site
RAC	R-Area Acid/Caustic Basin
RDB	R-Area Disassembly Basin
RRP	R-Area Burning/Rubble Pits
RSA	Series A, R-Area Reactor Seepage Basins
RSB	Series B, R-Area Reactor Seepage Basins
RSC	Series C, R-Area Reactor Seepage Basins
RSD	Series D, Between R-Area Reactor Seepage Basins and R-Area Disassembly Basin
RSE	Series E, R-Area Reactor Seepage Basins
RSF	Series F, R-Area Reactor Seepage Basins
RWM	M-Area Recovery Wells (also used for plume definition)
SBG	S-Area Defense Waste Processing Facility (DWPF) Background Wells
SCA	S-Area Vitrification Building
SLP	S-Area Low Point Pump Pit
SRW	Silverton Road Waste Site
SSS	Sewage Sludge Application Sites
	40-Acre Hardwood Site
	Lower Kato Road Site
	Orangeburg Site
	Sandy (Lucy) Site
	Kato Road Site
	Road F Site
	Second Par Pond Borrow Pit
TBG	TNX Burying Ground
TNX	TNX-Area Assessment Wells
XSB	Old TNX Seepage Basin
YSB	New TNX Seepage Basin
YSC	Y-Area Waste Solidification and Disposal Facility
Z	F Area
	H Area
ZBG	Z-Area Saltstone Facility Background Wells

SITE INDEX BY WELL SERIES

Well Series	Site
ZDT	Z-Area Low Point Drain Tank
ZW	F Area
	H Area
241-H	H-Area Tank Farm, Between Tanks 9 and 11

12. GLOSSARY

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

aerate. To supply or charge with air.

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 in the same batch as a blind blank or a laboratory blank.

B. 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.

BG. Approximate background concentration of a constituent.

blind blank. Deionized and filtered water analyzed as a sample under an alias well name.

blind replicate. In the EPD/EMS Groundwater Monitoring Program, 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; a list of organic compounds analyzed by EPA Method 625. See Appendix A in the *Code of Federal Regulations*, Title 40, Part 136, for the complete list of constituents.

cation. Positively charged ion.

CFR. *Code of Federal Regulations*; CFR drinking water standards used in this quarterly report are written by the EPA.

chain-of-custody record. A form that documents sample collection, transport, analysis, and disposal.

comprehensive analyses. A group of analyses that forms the core of the EPD/EMS Groundwater Monitoring Program each quarter. See "Explanation of Analyses" in *The Savannah River Site's Groundwater Monitoring Program 1991 Sampling Schedule*, ESH-EMS-900200, for a complete list of constituents.

CMP. Chemicals, metals, and pesticides.

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 a sample within the analytical range of a detector; e.g., 1 mL sample + 9 mL solvent = 1:10 dilution (a dilution factor of 10).

DL. Analytical detection limit.

GLOSSARY

DOE. United States Department of Energy.

DPSOP. Du Pont Standard Operating Procedure; used in numbering documents and forms generated during E. I. du Pont de Nemours and Company's management of the Savannah River Plant (now Savannah River Site).

duplicate result. A second result derived by a laboratory from the same sample using a portion of the primary sample and analyzed the same as the primary sample.

DWPF. Defense Waste Processing Facility at SRS.

DWS. Drinking water standards.

E. Code used in the analytical data tables signifying an exponential; e.g., 3.4E+3 = 3.4 × 10^3 = 3,400.

EM. EPD/EMS Laboratory at SRS.

EMS. 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 contamination level and testing frequency for any given analyte. See the **Flagging Criteria** section of this report for further information.

gamma PHA. A suite of analyses performed to determine activities of gamma-emitting radionuclides. See "Explanation of Analyses" in *The Savannah River Site's Groundwater Monitoring Program 1991 Sampling Schedule*, ESH-EMS-900200, for a complete list of analytes.

GC VOA. Gas Chromatographic Volatile Organics Analyses; a list of volatile organics that are analyzed by gas chromatography. See "Explanation of Analyses" in *The Savannah River Site's Groundwater Monitoring Program 1991 Sampling Schedule*, ESH-EMS-900200, for the complete list of constituents.

GCMS VOA. Gas Chromatograph/Mass Spectrometer Volatile Organics Analyses; a list of volatile organics that are analyzed by gas chromatography and mass spectrometry. See "Explanation of Analyses" in *The Savannah River Site's Groundwater Monitoring Program 1991 Sampling Schedule*, ESH-EMS-900200, for the complete list of constituents.

GE. General Engineering Laboratories of Charleston, SC.

Ge-Hy. Ge-Hy Environmental Sampling of New Ellenton, SC.

General Engineering. General Engineering Laboratories of Charleston, SC.

gpm. Gallons per minute.

herbicides/pesticides. Suite of analyses consisting of 2,4-dichlorophenoxyacetic acid, endrin, lindane, methoxychlor, toxaphene, and 2,4,5-TP (silvex). See the **Sample Scheduling** section of this report for further information.

herb/pest. Herbicides/pesticides analyses.

HWMF. Hazardous Waste Management Facility.

interlaboratory comparisons. Comparisons conducted between two or more laboratories.

internal blanks. Deionized water samples analyzed with each batch of samples by the laboratory (same as a laboratory blank).

intralaboratory comparisons. Comparisons conducted within a single laboratory.

IT. IT Analytical Services of St. Louis, MO.

J. A code used in the analytical data tables to indicate an estimated value.

laboratory blank. A deionized water sample analyzed with each batch of samples by the laboratory (same as an internal blank).

LT. Less than.

MA. M Area; used in the analytical data tables to refer to the M-Area Laboratory at SRS.

major ions. A group of analyses performed in the EPD/EMS Groundwater Monitoring Program. The ions are calcium, carbonate/bicarbonate, magnesium, potassium, and silica.

mg. Milligrams.

mg/L. Milligrams per liter.

MRD. Mean Relative Difference; a statistic. For further information, see the **Quality Control Samples** section of this report.

msl. Mean sea level.

MWMF. Mixed Waste Management Facility.

ng/L. Nanograms per liter.

NTU. Nephelometric turbidity units.

PCB. Polychlorinated biphenyl.

pCi. Picocurie.

pCi/mL. Picocuries per milliliter.

pCi/L. Picocuries per liter.

pH. pH units.

piezometer. Well used to measure the potentiometric surface of the groundwater.

plume. A volume of contaminated air or water originating at a point-source emission (e.g., a smokestack) or a waste source (e.g., a hazardous waste disposal site).

pump. To remove water from a well by using a stationary device to force water up a tube or pipe to the top of the well.

purge. To remove water from a well prior to sampling, generally by pumping or bailing.

QA. Quality assurance.

R. Replicate analysis.

radicisotopes. Radioactive isotopes.

radionuclide. An unstable nuclide capable of spontaneous transformation into other nuclides by changing its nuclear configuration or energy level. This transformation is accompanied by the emission of photons or particles.

RCRA. Resource Conservation and Recovery Act.

RCRA site. Solid waste management unit under RCRA regulation.

RDL. Reference detection limit.

reference detection limit. The detection limit used when discussing several analyses with different detection limits. 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. A second result generated from a sample taken from the same well at the same time as the primary sample and sent to the same laboratory for analysis.

Resource Conservation and Recovery Act (RCRA). Federal legislation that regulates the transport, treatment, and disposal of solid and hazardous wastes.

RFI Program. RCRA Facility Investigation Program; EPA-regulated investigation of a solid waste management unit with regard to its potential impact on the environment.

RFI/RI Program. RCRA Facility Investigation/Remedial Investigation Program; at SRS, an expansion of the RFI Program to include CERCLA and hazardous substance regulations.

SCDHEC. South Carolina Department of Health and Environmental Control.

GLOSSARY

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.

shipping clearance. Total activity analysis conducted on samples extracted from wells with a history of elevated radioactivity. This analysis is required by the Department of Transportation for samples shipped off-site.

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 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.

TOC. Total organic carbon.

TOH. Total organic halogens; sometimes referred to as TOX in other documents.

tritium (H-3). The hydrogen isotope with one proton and two neutrons in the nucleus. It emits a low-energy beta particle (0.0186 meV max) and has a half-life of 12.5 years.

***t*-test**. Statistical method used to determine if the means of groups of observations are equal.

turbidity. A measure of the concentration of sediment or suspended particles in solution.

(U). Unclassified.

μg/L. Micrograms per liter.

μS/cm. Microsiemens per centimeter.

USDWS. United States Public Health Service drinking water standard.

volatile organic compounds. A broad range of organic compounds, often halogenated, that vaporize at ambient or relatively low temperatures; e.g., benzene, acetone, chloroform, and methyl alcohol.

well volume. Volume of water standing inside the well casing.

WSRC. Westinghouse Savannah River Company.

13. REFERENCES

American Geological Institute. 1976. *Dictionary of Geological Terms, revised edition.* Garden City, NY: Anchor Press/Doubleday.

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.

Bledsoe, H. W. 1988. *SRP Baseline Hydrogeologic Investigation – Phase III, DPST-88-627.* Aiken, SC: E. I. du Pont de Nemours & Company, Savannah River Laboratory.

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.

E. I. du Pont de Nemours & Company. 1987. *Hydrogeologic Data Collection,* DPSOP 254. Aiken, SC.

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,*

REFERENCES

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 Monitoring Program 1990 Sampling Schedule,* ESH-EMS-900199. Aiken, SC: Westinghouse Savannah River Company, Savannah River Site.

Environmental Monitoring (Environmental Protection Department) and Exploration Resources. *EMS Groundwater Monitoring Program Changes to the Database Log Book.* Draft. 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 Monitoring (Health Protection Department) and Exploration Software. 1987. *Time Versus Concentration Plots of Select Parameters from the Groundwater Monitoring Program,* HPR-88-058, July 1984 - June 1987. Aiken, SC: E. I. du Pont de Nemours & Company, Savannah River Plant.

Environmental Protection Agency. 1977. *National Interim Primary Drinking Water Regulations,* EPA-570/9-76-003. Washington, DC.

Environmental Protection Agency. 1979. *Methods for Chemical Analysis of Water and Wastes,* EPA-600/4-79-020. Cincinnati, OH: Office of Research and Development.

Environmental Protection Agency. 1986a. National Primary Drinking Water Regulations. *Code of Federal Regulations,* Title 40, Part 141. Washington, DC.

Environmental Protection Agency. 1986b. *Test Methods for Evaluating Solid Waste, Volume 1A: Laboratory Manual, Physical/Chemical Methods,* SW-846. Washington, DC.

Environmental Protection Agency. 1986c. *RCRA Ground-Water Monitoring Technical Enforcement Guidance Document,* OSWER-9950.1. Washington, DC: Office of Waste Programs Enforcement.

Environmental Protection Agency. 1986d. Water Pollution Control; National Primary Drinking Water Regulations, Radionuclides (Proposed). *Federal Register,* September 30, 1986. 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.

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 and Secondary Drinking Water Regulations: Lead and Copper (Proposed Rule). *Federal Register,* October 19, 1990. Washington, DC.

Environmental Protection Agency. 1991. National Primary and Secondary Drinking Water Regulations; Final Rule. *Federal Register,* January 30, 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.

South Carolina Department of Health and Environmental Control. 1986. *Construction Permit No. 12,683* (Z-Area Saltstone Manufacturing Facility), granted to U.S. Department of Energy, Savannah River Operations Office. Aiken, SC.

REFERENCES

South Carolina Department of Health and Environmental Control. 1986. *Industrial Waste Permit No. IWP-217* (for the operation of an industrial solid waste disposal facility located in Z Area at the Savannah River Plant, Aiken County), Office of Environmental Quality Control, Bureau of Solid & Hazardous Waste Management. Columbia, SC.

South Carolina Department of Health and Environmental Control. 1989. *South Carolina Hazardous Waste Management Regulations, Amended June 23, 1989,* Promulgated Pursuant to Sections 44-56-10 through 44-56-140 of the 1976 South Carolina Code of Laws.

South Carolina Hazardous Waste Management Regulations, General Program Requirements. 1986. South Carolina Code of Regulations, R.61-79.124-270, Subpart A. Columbia, SC.

Steel, R. G. D., and J. H. Torrie. 1980. *Principles and Procedures of Statistics, 2nd edition.* New York: McGraw-Hill Book Company.

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. 1984. *Final Environmental Impact Statement: L-Reactor Operation, Savannah River Plant,* Volume 1, DOE-EIS-0108. Aiken, SC.

U.S. Department of Energy. 1988. *Geohydrology Program Report.* Aiken, SC: Environmental Division, U.S. Department of Energy, Savannah River Operations Office.

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 Health, Education, and Welfare. 1962. Reprinted 1969. *Public Health Service Drinking Water Standards,* Public Health Service Publication Number 956. Washington, DC.

Westinghouse Savannah River Company. 1989. *Hydrogeologic Data Collection Procedures and Specifications,* DPSOP 254, Revision 1, October 1, 1989. Aiken, SC.

Westinghouse Savannah River Company. 1990. Memo from Terry Killeen to Bill Fay, ESH-EMS-900192, November 2. 1990. Aiken, SC.

Westinghouse Savannah River Company. 1991. RFISTAT printout created by Terry Killeen, May 17, 1991. Aiken, SC.

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